to of P-3-63 this well was converted	to a water, Njectio	Druell+S	lasted injecting
Entered in NID File Entered On S R Sheet Location Map Pinned Card Indexed	Checked by Chief Copy NID to Field Office Approval Letter Disapproval Letter	112	cause #45
COMPLETION DATA: Date Well Completed 4-12-21	Location Inspected	40 Baron Milores enables de la la	
OW TA	Bond released State of Fee Land	00092785002000000000000000000000000000000000	<i>y</i>
LOGS F	GR GR-N	Micro	

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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	ase No	24-40-	ÇQ.	ol/

NOTICE OF	INTENTION TO DRILL		SUBSEQUE	NT REPORT OF WATER SH	UT-OFF	
NOTICE OF	INTENTION TO CHANGE	PLANS	1 4	NT REPORT OF SHOOTING		
NOTICE OF	INTENTION TO TEST W	ATER SHUT-OFF	SUBSEQUE	NT REPORT OF ALTERING	CASING	
NOTICE OF	INTENTION TO REDRIL	L OR REPAIR WELL	SUBSEQUE	NT REPORT OF REDRILLIN	G OR REPAIR	
	INTENTION TO SHOOT		i II	NT REPORT OF ABANDONN		
	INTENTION TO PULL OF	, .	SUPPLEME	NTARY WELL HISTORY		
NOTICE OF	INTENTION TO ABANDO	JN WELL				
	(INDIC	CATE ABOVE BY CHECK	MARK NATURE OF REPO	ORT, NOTICE, OR OTHER DA	TA)	
			***********	December 6		, 19 <u>.60</u>
No	orth Resert Cz	oek	- (N) -		65)	
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			C 34.			
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T41S 10 563 9 N 89-57-34 W 13 13 4770-43-14 ш TRACT. 3 S α 24 23

> Elevation 4568 o Found Corner

> > This is to certify that the above plat was piotted from field notes of a survey made under my supervision, and that the same is true and correct to the best of my knowledge and belief,

Blaine H Jegusta

DRAWN BY J.E.D.
TRACED BY

CHECKED BY B.H.F.

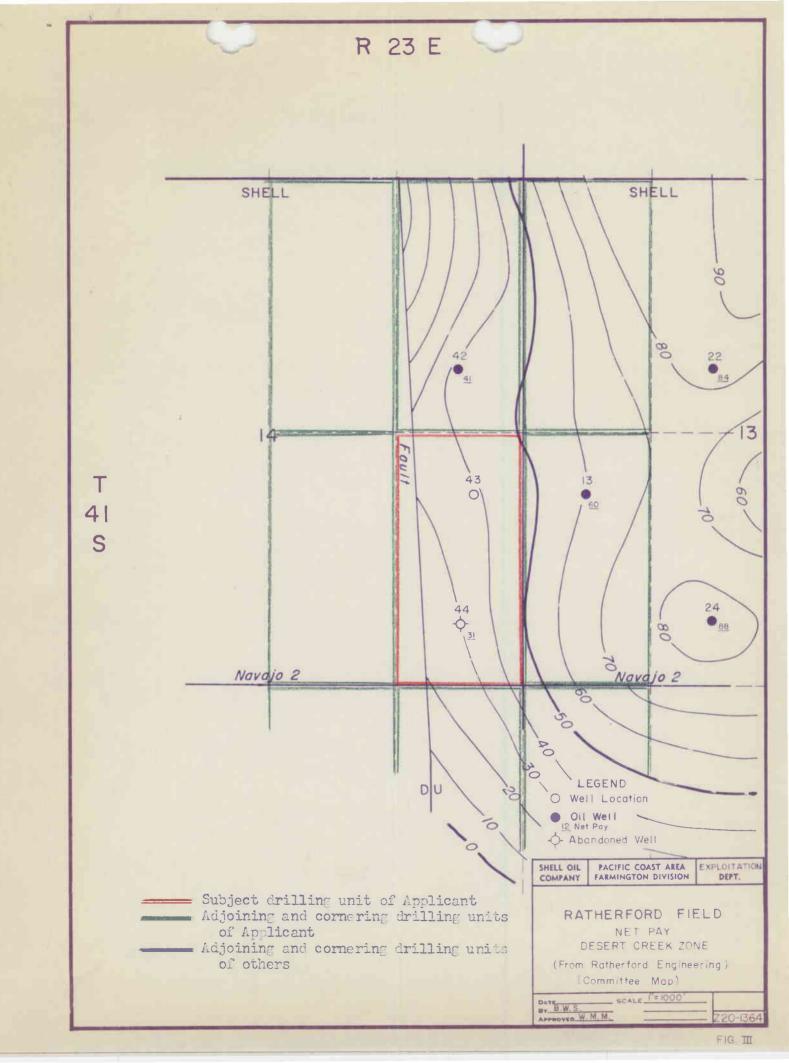
SHELL OIL COMPANY

DATE 12-5-60

SCALE |"=2000'

FILE NO. **Z-** 20-1358

LOCATION OF NORTH DESERT CREEK 43-14
SAN JUAN COUNTY UTAH SEC. 14 T.41S.R. 23 E S.L.M.



December 16, 1960

Shell Gil Company F. C. Box 1200 Farmington, New Mexico

attention: 4. M. Marshall, Div. Exploitation Eng.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. North Desert Greek 45-14, which is to be located 3300 feet from the north line and 4770 feet from the west line of Section 14, Township 41 South, Range 23 East, SLEM, San Juan County, Utah.

Please be advised that approval to drill said well is hereby granted in accordance with the Order issued in Cause No. 45, on December 13, 1960.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION CONCISSION

CLEON B. PLIGHT, EXECUTIVE SECRETARY

CBP188WS

co: N. T. McGrath, Dist. Ing.

U. S. Geological Survey

H. L. Coonts - OGCC, Moab

March 1, 1961

Shell Sil Company
L. G. Box 1200
Farmington, New Mexico

Attn: W. M. Marshall, Div. Exploitation Eng.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Hell No. North Desert Creek 43-14, which is to be located 3300 feet from the north line and 4770 feet from the west line of Section 14, Township 41 South, Range 23 East, SLBM, Sam Juan County, Utah.

Flease be advised that approval to drill said well is hereby granted in accordance with the Order issued in Cause No. 45, on December 13, 1960.

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OIL & GAS CONSERVATION COMMISSION

CLECN B. FRIGHT, EXECUTIVE SECRETARY

CBF:awg

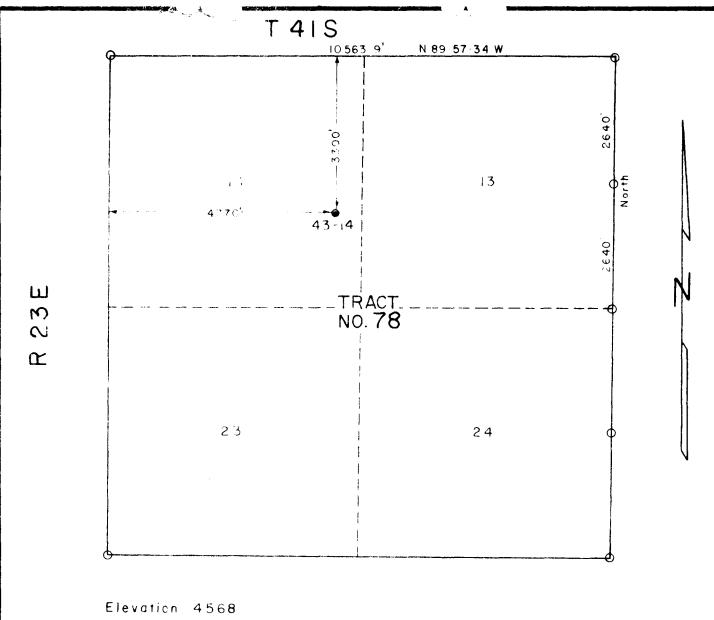
cc: F. T. McGrath, Dist. Eng. U. S. Geological Survey Farmington, New Mexico

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian	Agency			
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	19	SUBSECUENT PEPOP		
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OTICE OF INTENTION TO CHANGE PLAN		1	T OF SHOOTING OR ACIDIZ	ING
OTICE OF INTENTION TO TEST WATER			T OF ALTERING CASING	
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OTICE OF INTENTION TO ABANDON WE				
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Borth Besert Greek Il No. 42-14 is locat	ed 1300 ft. fro	om $\begin{Bmatrix} N \\ S \end{Bmatrix}$ line and 47		ne of sec
(34 Sec. and Sec. No.)	(Twp.)	(Range)	(Maridian)	
Betherford	San Juan		Stab	
(Field)	(County	or Subdivision)	(State or Ter	ritory)
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e elevation shthe deraicled	DETAI	LS OF WORK	proposed casings; indicate	mudding jobs, cement-
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o Found Corner

This is to certify that the above plat was plotted from field notes of a survey made under my supervision, and that the same is true and correct to the best of my knowledge and be lef,

45. 42334

DRAWN BY J.E D.

TRACED BY

CHECKED BY B.H.F.

SHELL OIL COMPANY

DATE 12-5-60

SCALE |"=2000"

FILE NO. Z- 20-1358

LOCATION OF NORTH DESERT CREEK 43-14 SAN JUAN COUNTY UTAH SEC 14 T.41S.R. 23 E S.L.M.

(SUBMIT IN TRIPLICATE)

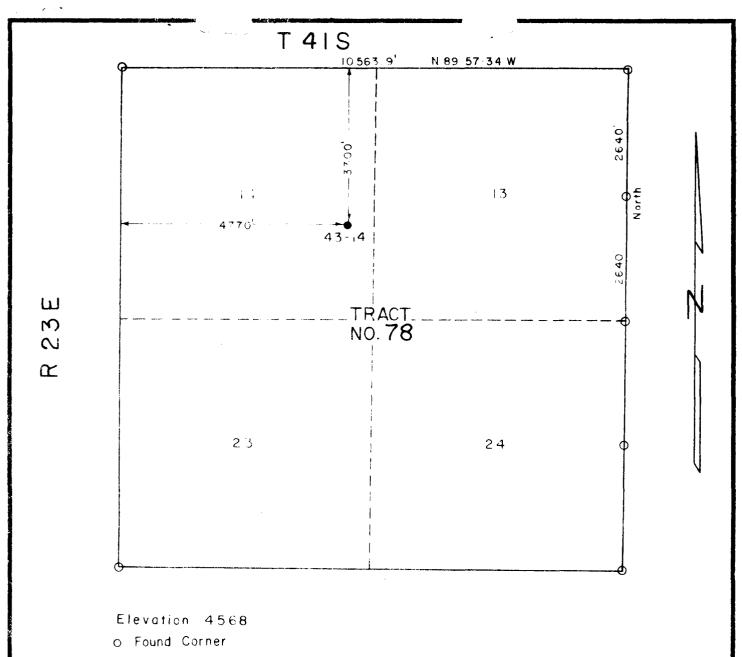
UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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	14-90-40	

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NOTICE OF INTENTION TO	O DRILL	X_	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO	O CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
IOTICE OF INTENTION TO	O TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
OTICE OF INTENTION TO	O REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
IOTICE OF INTENTION TO	O SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
	O PULL OR ALTER CASING	1	SUPPLEMENTARY WELL HISTORY.	
IOTICE OF INTENTION TO	O ABANDON WELL			
	(INDICATE ABOVE BY CHECK M	IARK NAT	URE OF REPORT, NOTICE, OR OTHER DATA)	19.61
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Title_

Division bar loitation engineer



This is to certity that the above ; it was plotted from field notes of a survey made under my supervision, and that the same is true and correct to the best of my knowledge and projet,

Blaine A Jeguald

DRAWN BY J.E.D.
TRACED BY

CHECKED BY B H F

SHELL OIL COMPANY

DATE 12-5-60

SCALE | = 2000

FILE NO. **Z-** 20-1358

LOCATION OF NORTH DESERT CREEK 43-14
SAN JUAN COUNTY UTAH SEC 14 T.415 R.23 E S.L M

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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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Allottee	Tribal	Lands
		403-247

I understa	and that this plan of work m Shall Oil Com	spany	_	ogical Survey before o	-	nmenced.
." *	and that this plan of work m	ust receive approval in v	writing by the Geol	ogical Survey before o	perations may be con	nmenced.
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-18 -6 1	Ran and comente treated with 25			ing at 88° w	rith 100 sack	s comer
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Io	gth Dosert Greek		/a. T.)	Merch	(-1 -)	, 19 <u>61</u>
	(INDICATE A	Bove by Check Mark N	ature of Report,	NOTICE, OR OTHER DA	TA)	
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NOTICE OF	INTENTION TO SHOOT OR ACT			RY WELL HISTORY		I
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	INTENTION TO CHANGE PLAN INTENTION TO TEST WATER	· · · · · · · · · · · · · · · · · · ·		REPORT OF ALTERING		
NOTICE OF	INTENTION TO CHANGE PLAN			REPORT OF WATER SHI REPORT OF SHOOTING		

Form 9-881 b (April 1952)

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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NOTICE OF INTENTION TO ABANDON	WELL					
(INDICAT	E ABOVE BY CHECK MARK	NATURE OF REPORT, N	OTICE, OR OTI	HER DATA)		
		***************************************	April 21		, 19	61
Well No. 43-14 is loc		(°)		()	ne of sec.]	4
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Ratherford (Field)	(County	or Subdivision)		(State or Terr	ritory)	•
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(State names of and expected depths to -61 Ran and cemented 5 4-3/4" hole to 553 0-61 Flanged up. Clean 4-61 Washed formation wat 3200 psi, rate 5-61 Ran rods and pump 6-61 Representative Ini Pumping, 169 Completed 4- I understand that this plan of work	DETAI objective sands; show aize ing points, and all of 6-1/2", 15.5#, 6, T.D.) with 2 ded out to 5536, with 400 gal. re 2.7 bbls./min. — pumped acid tial Production B/D gross, 162 16-61.	LS OF WORK s, weights, and lengther important proposed 1-55 casing (200 sacks cell), T.D. sgular acid. water to such the sacks cell (1), 42 writing by the Geological (1), 42 writing by the Geological (1), 42 writing by the Geological (1), 42	ins of proposed seed work) at 5377 ment. Inject p. de cut, 2 gical Survey b	(7-7/8* h ed 6,000 g 02 MCF/D g	cal. regul	240.
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Form 9-331 b (April 1952)

(SUBMIT IN TRIPLICATE)

UNITED STATES

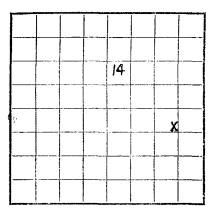
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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Budget Bureau No. 42-R359.4. Approval expires 12-31-60.

SUNDRY	NOTICES AN	D REPOR	rs on wells	
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPOR	T OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE	· · ·	ļ .	T OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WA	TER SHUT-OFF	SUBSEQUENT REPOR	T OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL	OR REPAIR WELL	SUBSEQUENT REPOR	T OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT O	R ACIDIZE	SUBSEQUENT REPOR	T OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR	ALTER CASING	SUPPLEMENTARY WE	LL HISTORY	
NOTICE OF INTENTION TO ABANDO	4 WELL			
(INDIC	ATE ABOVE BY CHECK MARK NAT	TURE OF REPORT, NOTIC	CE, OR OTHER DATA)	
			May 9	19 61
North Desert Cr Well No. <u>43-14</u> is lo	ocated 3300 ft. from	,	` ,	f sec
NE SE 14 (4 Sec. and Sec. No.)	113 2 (Twp.) (I	3E	(Meridian)	
Ratherford (Field)	San Juan (County or 8	habdirision)	(State or Territory	<u> </u>
Production - Proposed Works 1. Set retrievabl 2. Perforate four 3. Inject 5000 set 4. Pump test inte	= 5536° ./2", 15.5%, J-55 3/4" open hole 537 • Pumping 150 B/D le bridge plus at - jet/ft. 5310-535 il. regular 15% 10 erval 5310-5350°	casing at 53% 9 to 5536' (2 oil, 60% 120% 5370' 6'	work) 77 cemented with 20	O sacks,
I understand that this plan of we Company Shell Oil C	Company	iting by the Geologica		be commenced.
Address . C. Lox 1			Original Si⊋nad By W. M. MARSHALL	
Farmineton.	New Mexico	Ву_	MAKSHALL	
		<i>D</i> y	arshall	
		Title_	div. Emploitation	on Fas iae c

Form 9-380



U. S. LAND OFFICE **Tribal Lands**SERIAL NUMBER 14-20-603-247
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

. LO	CATE WEL!	L CORRECTLY	•					
_	-					ss P. O. Box 12		=
Lessor	or Tract	Tribal Lan	ds - N.	Desert	Creek Field	Ratherford	State U 1	eh
/Well N	o. 43-14	Sec. 14	T. 41 S_R	.23E M	eridian SLA	Cot	inty San Juan	
Locati	on 33 00	ft. $\left\{\begin{array}{c} \blacksquare \\ S \end{array}\right\}$ of \mathbb{R}	Line a	nd 477 0f	t. E. of	Line of Section	-14 Eley	ation 4583-K
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so far	as can be	determined f	rom all av				Original Sign	ned By
Data	April 2	1, 1961			Jigheu	Title Dee		
		•			tion of the wel	l at above date.	rision Exploi	6 46 10n-± n g1
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		lonan	hole)		(Denote gas by G)			
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No. 2,	from		to		No. 5	, from	to	
No. 3,	from		to		No. 6	, from	to	
			I	MPORT	ANT WATER	R SANDS		
No. 1,	from	543!	to		No. 3	, from	to	
No. 2,	from		to		No. 4	, from	to	
	·			CA	SING RECO	RD		
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
o an America			har to to to		2) () () () () () () () () ()	Accused the second	From— To—	
5/1966	⊍G](*** •	ertings will	1,40 (18 8,40 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ອນດູ ໄດ້ຜູ້ເ	C. The state of th	es made in the costs ne heart nan bed, t atorial use to a citic	Fire date, size, grait	Conductor
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			MUDE	DING AN	ID CEMENT	ING RECORD		
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1/2	5377	2	×				-	
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Heavir	ng plugl	Material					Depth set	
Adapte	ers-Mate	erial			Size			
•				SHO	OTING REC	กรก		

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-1/2	5377-	200					•	
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Adapte	ersMate	rial	1	t t				
	-		SH	OOTING R	ECORD	i		
Size	Sh.	ell used E	rplosive used	Quantity	Date	Depth shot	Depth cleane	d out
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<i>∙</i> µ1.7 T]	he produc	tion for the firs	t 24 hours wa	.s	oarrels o	f fluid of which	t 16 ch was of	il;61
amulei	ion. 7	water; and	% sadiment	169		Gravity, °Bé	96	•
GIIUISI	4	water, and	// seament		1	The state of	40° API cu. ft. of gas	
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2-50 PRINTED IN U. S. A. 3-58 Preprint **M 1718-P 5-59

SHELL OIL COMPANY

North Desert Creek

Ratherford (FIELD) San Juan, Utah

(COUNTY)

DRILLING REPORT FOR PERIOD ENDING

4-11-61

14 (SECTION OR LEASE) T. 41 S., R. 23 E. (TOWNSHIP OR RANCHO)

			T				
DAY	DEF	THS	REMARKS				
	PROM	то					
			Location: 3300' S. and 4770' E. of Nw. corner Section 14, T. 41 S., R. 23 E., S.L.B.M., San Juan County, Utah.				
			Elevations: DF 4581.06° GR 4569.16° KB 4583.48°				
3–18	0	88	Spudded 1:15 P.M. 3-18-61. Ran and cemented 3 joints 13-3/8", 48#, H-40, ST & C Casing at 88' with 100 sacks cement treated with 2% calcium chloride. Flanged up.				
3-19 to 3-20	88	1306	Drilled 1218. Ran and cemented 8-5/8", 28# & 32#, J-55 casing at 1299 with 200 sacks Diamix and 200 sacks cement treated with 2.5% calcium chloride. Flanged up and waited on cement. Pressure tested casing and BOP with 700 psi, OK.				
3-21 to 3-25	1306	3567	Drilled 2261'. While making trip (3433') dropped 4 drill collars and bit in hole. Screwed into fish - recovered.				
3-26 to 4-9	3567	5536	Drilled 1969. Started drilling 4-3/4" hole at 5366. Attempted to run logs, stopped at 5384. Reamed - opened 4-3/4" hole to 7-7/8" from 5366 to 5379. Ran Induction-Electrical Survey and Gamma Ray-Neutron log.				
4-10 to 4-11	5536 TD		Ran and cemented 5-1/2", 15.5#, J-55 ST & C casing at 5377' with 200 sacks cement. Flanged up. Cleaned out. Landed 2-7/8" tubing at 5382'. Released rig 4:00 A.M. 4-11-61.				
			Mud Summary:				
			Wt. 9.2 - 10.4#/gal. Vis. 37 - 48 sec. WL 9.8 - 26 cc FC 2/32"				
	66	ONDITION A	Contractor: Rutledge Drilling Co.				

	c	ONDITI	ON AT BEGINNING	OF PERIOD	
	HOLE		CASING SIZE	DEPTH SET	
SIZE	FROM	70			
			1		
DRILI \$1	L PIPE				

Contractor Pusher: J. H. Auten

Drillers: C. G. Desper R. L. Scott

L. Wresman

Co. Dist. Drilling Foreman: H. H. Brigham

PD 4A 2-50 PRIN Preprint **M 1718-P 5-59

2-50 PRINTED IN U. S. A. 3-58

SHELL OIL COMPANY

North Desert Creek

Ratherford

DRILLING REPORT
FOR PERIOD ENDING

 14	
 (SECTION C	R LEASE)

(FIELD) San Juan, Utan

4=16=61

T. 41 S. R. 23 E. (TOWNSHIP OR RANCHO)

	(COUNT	TY)	(TOWNSHIP OR RANCHO)
DAY	DEF	тнѕ	REMARKS
4-11 to 4-13	5536 TD		Moved in completion rig.
4-14			Washed formation (open hole) with 400 gallons regular acid in two stages. Reversed out. Injected 6,000 gallons regular acid. Initial pressure 3900 psi at 2 barrels/minute, after 3,000 gallons away pressure dropped to 3200 psi. Average rate 2.7 barrels/minute. Tubing went on vacuum after 15 minutes.
4-15			Ran rods and pump. Pumped acid water.
4-16			Representative Initial Production:
			Pumping 169 B/D gross, 163 B/D oil, 4% cut, 202 MCF/D gas, GOR 1240. Completed 4-16-61.
		ONDITION	AT END OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
-1/4	0	88	13-3/8° 8-5/8°	188
-1/4	88	1306	8-5/84	12991
-7/8	1306	5379	5-1/2"	53771
-3/4	5379	5536	EMPTHON .	
		<u> </u>		
DRILL	PIPE /	-1/2		

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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NOTICE OF I	NTENTION TO DRILL		SUBSEQUENT REPORT	OF WATER SHUT-	OFF	
NOTICE OF	NTENTION TO CHANGE PLANS		SUBSEQUENT REPORT	r of shooting or	ACIDIZING	
NOTICE OF I	NTENTION TO TEST WATER SHUT	-off	SUBSEQUENT REPORT	F OF ALTERING CAS	SING	
NOTICE OF I	NTENTION TO REDRILL OR REPA	IR WELL	SUBSEQUENT REPORT	OF REDRILLING O	OR REPAIR	
NOTICE OF I	NTENTION TO SHOOT OR ACIDIZE	E	SUBSEQUENT REPORT			
,	NTENTION TO PULL OR ALTER C	ASING	SUPPLEMENTARY WE	LL HISTORY		
NOTICE OF I	NTENTION TO ABANDON WELL					
	(INDICATE ABOVE	BY CHECK MARK NATU	re of report, notic	E, OR OTHER DATA)		1
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Rath	efort	Can Juan			14b	
he elevat	ion of the dermok-deer	DETAILS	is _4583 ft. OF WORK	proposed casings; i		obs, cement-
he elevat	Kelly Bushi ion of the dermole deer of and expected depths to objecti in	above sea level in DETAILS DETAILS ive sands; show sizes, we ge points, and all other at 5370. Peri	of WORK eights, and lengths of important proposed torated four	proposed casings; i work)	ndicate mudding j	310- 53 5 0
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he elevat	Kelly Bushi ion of the dermelader of and expected depths to objecti in Set bridge plug a Injected 5000 gal	above sea level in DETAILS DETAILS ive sands; show sizes, we grounds, and all other at 5370. Feetilians 15% ICL	of WORK eights, and lengths of important proposed foreted four acid. Family	proposed casings; i work) 1/2* Jet h	ndicate mudding inclusion of the second part of the	310- 53 5 0
The elevat State names 5-11-61 5-12-61 5-13-61	Kelly Bushi ion of the dermolation of and expected depths to object in Set bridge plug a Injected 5000 gal rate 6 bbls./min.	above sea level in DETAILS DETAILS ive sands; show sizes, we ge points, and all other it 5370. Perillions 15% ICL	of WORK eights, and lengths of important proposed foreted four acid. Family	proposed casings; i work) 1/2* Jet h	ndicate mudding inclusion of the second part of the	310- 53 5 0
The elevations of the control of the	ion of the dermole deer of and expected depths to object in Sot bridge plug as Injected 5000 gal rate 6 bbls./min. Fump tested - fire	above sea level in DETAILS DETAILS ive sands; show sizes, we general and all other at 5370. Peril Licras 15% ICL ive later 166 ive later 166 ive later 166 ive later 166	of WORK sights, and lengths of important proposed vector four acid. Nami	proposed casings; i 1/2" jet h num preseur at 4%, COR	ndicate mudding poles/ft. 5 re 2500 psi 770.	310-5350 , evereg
The elevations of the clevation of the c	Kelly Bushi ion of the dermoledeer of and expected depths to objection for bridge plug as Injected 5000 gal rate 6 bbls./min. Fump tested - first Fulled bridge plus RECOMPLETED INITE	above sea level in DETAILS DETAILS ive sands; show sizes, we ge points, and all other it 5370. Peril Licras 15% ICL ivel rate 166 ivel rate 166 ivel RATE - Ive ix 800. Recommendation	of WORK sights, and lengths of important proposed varied four acid. Namin	proposed casings; i 1/2" jet h ELLE preseur At 45, COR /D gross, 2 -01 (5310-5	ndicate mudding poles/ft. 5 re 2500 psi 770.	310-5350 , averag
Tundersta	Kelly Bushi ion of the dermolation of and expected depths to objection for bridge plug as Injected 5000 gal rate 6 bbls./min. Fump tested - fir Fulled bridge plus RECOMPLETED INITE 228 MCF/D gas, Go	above sea level in DETAILS DETAILS ive sands; show sizes, w. g points, and all other at 5370. Peril Lights 15% ICL All rate 166 All RATE - IVE A 800. Reconsective approval in write	of WORK sights, and lengths of important proposed v foreted four acid. Nami	proposed casings; i 1/2" Jet h EALT PRODUCT AT 45, COR D gross, 2 -01 (5310-5	ndicate mudding incles/ft. 5 10 2500 psi 1770. 184 B/D oil 1536).	310-5350 , averag
The elevate State names of 5-11-61 5-12-61 5-15-61 5-17-61 I understa Company	ion of the dermolation of the dermolation of the dermolation of and expected depths to object in East bridge plug as Injected 5000 gall rate 6 bbls./min.fump tosted - fir: Fulled bridge plug as COMPLETED INITE 228 NOF/D gas, GO	above sea level in DETAILS ive sands; show sizes, we go points, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For the same sizes, and all other it 5370. For t	of WORK sights, and lengths of important proposed v corated four acid. Namin	proposed casings; i 1/2* Jet h EAR PRODUCT At As, COR D gross, 2 -01 (5310-5) Survey before open	ndicate mudding incles/ft. 5 re 2500 psi 770. R&A B/D oil 536). rations may be con	310-5350 , averag



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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

F B Indian A	orm approved. udget Bureau No. 42-R359.4.	7
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I ann Na	34-00-600-047	

SUNDRY NOTICES AND REPORTS ON WELLS

Vell No. 14-43 is loc WW SE Sec. 14 (14 Sec. and Sec. No.) Greater Anoth	ated 300 ft. from	m line and 238 (Range)	Meridian)	
Vell No. 14-43 is loc	ated 300 ft. from	m line and	779ft. from William	
Vell No. 1443 is loc	ated 3000 ft. from	m line and	ft. from William	
Ratherford Unit (F				-10 /
	A ffed. winema		mark Creak AS	WXX Y
		Cortos, C	olorede M	arch 21, 19
Etter 3310-30 (INDICAT	E ABOVE BY CHECK MARK I	NATURE OF REPORT, NOTICE	e, or other data)	
tion of Intention to	Squeene Lamp	X		
NOTICE OF INTENTION TO PULL OR A NOTICE OF INTENTION TO ABANDON 1			LL HISTORY	i
NOTICE OF INTENTION TO SHOOT OR			T OF ABANDONMENT	1
NOTICE OF INTENTION TO REDRILL O	R REPAIR WELL	SUBSEQUENT REPOR	T OF REDRILLING OR REI	PAIR
NOTICE OF INTENTION TO TEST WATE	R SHUT-OFF	SUBSEQUENT REPOR	T OF ALTERING CASING	
NOTICE OF INTENTION TO CHANGE PI	LANS	SUBSPOLIENT REPORT	OF SHOOTING OR ACIDI	IZING

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work)

Kill well. Pell gods and tubing. Num Halliburten IM bridge plug on bottem Halliburten RTTS tool. Set plug at 5364 (13' above easing shoe). Pall up above Issay perforations and set RTTS tool at \$2951. Preakdown. Mix 50 sks. common coment and squeeze perforations 5310-50' with holding pressure of 1500# maximum, 1000f minimum pressure. Circulate out. Drill out coment and plug and circulate out to TD of 5536' using galled water. Bisplace drilling fluid with clean water. Run 2-1/2" Marlex plastic lined tabing with Baker Tennien Packer at 5360' (between squeeced perferetions and saxing shoe) and convert to Desert Greek some water injection well. Present Production: Shut down Doc. 7, 1962.

Company	PHILLIPS PETROLERIN COMPANY	
Address	P. O. Brewer 1150	
	Cortes, Calérado	By D.M. Balle
		Title Blot. Supt.



Longy & NhC

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

ي الري	Budget Bureau No. 42-R359.4. Approval expires 12-21-60.	1
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SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	 SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS.	 SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.	 SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	 SUBSEQUENT REPORT OF REDRILLING OR REPAIR.	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	 SUBSEQUENT REPORT OF ABANDONMENT.	
NOTICE OF INTENTION TO PULL OR ALTER CASING	 Subminguistry was porty to a quarta - zmay - fart	CRATICAL
	6329-99 AND CONTERT TO WATER INJECTION	
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

RATHERFORD	UKIT (Formorly	Ratherford Un	4t 24-W)	village to	, 19
Well No.	•				sec. 14
IM SE Sec. 14	Als	238	SLE	(,	
(14 Sec. and Sec. No.) Greater Appth	(Twp.)	(Range)	(Meridian) Vtah	
(Field)	lly Bashing '	County or Subdivision)	·	(State or Territory)	
The elevation of the	HOUSE THE CO.	an level in 4563	C.		

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work)

CONVERTED WALL TO WATER INJECTION (7-20-63 through 8-5-63). Ram Bridge Plug and Retrievable Packer, equeened Ismay perferetions \$310-50°, ram 4-3/4° bit, drilled out sement and Bridge Plug and ressed and eleaned out hole to OTD 5536°. Acidised with 4000 gallons regular 15% acid. Ram 2½° tubing with Marlex liner and Tension packer, heated well up for Water Injection. Started injecting water at 1 PM 8-3-63. Onanged well classification from producing Oil Well to Water Injection Well and changed number from 14-43 to 14W43. Injecting into Desert Creek open hole 5377-5536°.

Present Productions (Paradox formation, Desert Creek Zone) Injected 914 BW in 24 hours at 350%.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

PHILLIPS PETROLEUM COMPANT

P. O. DRAWER 1150

By C. M. Beles

District Superintendent

Title



Phillips PETROLEUM COMPANY P. O. Drawer 1150 Cortez, Colorado

August 15, 1963

Utah Oil & Gas Conservation Commission 310 Newhouse Building Salt Lake City 11, Utah

Attention: Mr. Cleon B. Feight

Dear Sirs:

In accordance with Rule E-4 of the Utah General Rules and Regulations, we wish to advise that the following wells located on the Ratherford Unit in San Juan County, Utah, were converted to water injection wells.

Old Well No.	New Well No.	Date Converted	Length of Test	Injection Rate	Injection Pressure
14-43	14W43	8-3-63	24 hrs	914 BW	350#
1-34	1W34	8-5-63	20 hrs	81 BW	45 0#
6-23	6 W 23	8-6-63	24 hrs	2300 BW	150#
10-21	10W21	8-8-63	24 hrs	480 BW	2300#
15-21	15W21	8-12-63	24 hrs	280 BW	2250#

Details of the above conversions will be furnished on USCS Form No. 9-331b in the near future.

Very truly yours,

PHELLIPS PETROLEUM COMPANY

C. M. Boles

District Superintendent

bh

613

Form 9-881 b (April 1952)

Form approved. Budget Bureau No. 42-R359

UNITED STATES **DEPARTMENT OF THE INTERIOR** GEOLOGICAL SURVEY

Well No. 14 W 43 is located 3900 ft. from S line and 4770 ft.	ELLS	rs on wel	REPORT	ICES ANI	RY NOT	SUNDI
NOTICE OF INTENTION TO CHANGE PLANS. NOTICE OF INTENTION TO TEST WATER SHUT-OFF. NOTICE OF INTENTION TO REDRILL OR REPART WELL. NOTICE OF INTENTION TO PULL OR ALTER CASING. NOTICE OF INTENTION TO PULL OR ALTER CASING. NOTICE OF INTENTION TO ABANDON WELL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER CONTROL OF INTENTION TO ABANDON WELL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER CONTROL OF INTENTION TO ABANDON WELL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER CONTROL OF INTENTION TO ABANDON WELL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER CONTROL OF INTENTION TO ABANDON WELL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER CONTROL OF INTENTION TO ABANDON WELL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER CONTROL OF INTENTION TO ABANDON WELL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER CONTROL OF INTENTION TO ABANDON WELL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER CONTROL OF INTENTION TO ABANDON WELL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER CONTROL OF INTENTION TO ABANDON WELL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER CONTROL OF INTENTION TO ABANDON WELL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER CONTROL OF INTENTION TO ABANDON WELL. (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, OR DANDON TO ABANDON TO ABAND	FF	T OF WATER SHUT-OFF	SUBSEQUENT REPORT		ıu.	TICE OF INTENTION TO DR
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Ratherford Unit (Formerly Shell Oil Co. North Desert Cree Well No. 14 W 43 is located 3300 ft. from S line and 4770 ft. ft NW SE Sec. 14		•	•			
Well No. 14 W 43 is located 3900 ft. from S line and 4770 ft.						
(4 Sec. 14 (4 Sec. and Sec. No.) (Field) (Field) (County or Subdivision) (County or Subdivision) (Field) (County or Subdivision) (Field) (County or Subdivision) (Count						
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he elevation of the series above sea level is 533 ft. DETAILS OF WORK State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed coing points, and all other important proposed work) stidies with 500 gals. regular 15% acid. 500 gals. Sol-Blacegalar 15% acid to increase where injection rate. Present water injection rate: 533 BWPD at 350 lbs. I understand that this plan of work must receive approval in writing by the Geological Survey before the company Phillips Petroleum Company Address. P. O. Drawer 1150	or Territory)		bdivision)			
Company Phillips Petroleum Company Address P. O. Drawer 1150	•	Sol-Block, and	500 gale.	ar 15% acid	als, regula	dise with 500 g plar 15% acid t
address P. O. Drawer 1150	tions may be commenced.	Survey before operations	ing by the Geological			
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Cortes, Colorado By) A	<i></i> / /			mer 1150	dress P. O. Dra
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Title Distr	. M. Boles	C. District Super				

Form 9-881 b (April 1952)					
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SUBMIT IN TRIPLICATED

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	T OF SHOOTING OR ACIDIZING
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Rakhe	arford Unit		Cortes	, Colorado September 2	63
			t. from S line	and ft. from W line	of sec
IN 58	Sec. 14	41.5	23 E	SIM	
	Sec, and Sec, No.)		(Range)	(Meridian)	
	(Field)	Kelly Bushing "	1 PM	(State or Territ	ory)
The elev	ation of the	ierrick floor above s	ea level is	ft.	

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work)

September 16, 1963: Western Company acidized with 500 gallons regular 15% acid,

500 gallons Sol Block, 3,000 gallons regular 15 acid. Maximum pressure 3700%, minimum pressure 800%. Average injection rate 3.6 BPM. Flush rate 3.5 BPM. No increase in pressure when block hit formation. Job completed at 2:00 P.M. September 16, 1963.

Present Injection Rate: 835 BMPD at 350# - Greater Ameth Field, Paradox formation, Desert Creek Zone.

I understan	d that this plan of work must receive approval in PHILLIPS PETROLEUM COMPANY	writing by the Geological Survey before operations may be commenced.
Address	P. O. Drawer 1150	
	Cortes, Coloredo	By G. M. Bales
		By G. M. Boles District Superintendent Title

STATE OF UTAH DIVISION OF OIL, GAS, AND MINING **ROOM 4241 STATE OFFICE BUILDING** SALT LAKE CITY, UTAH 84114 (801) 533-5771

FORM NO. DOGM-UIC-1 (Revised 1982)

(RULE 1-5 & RULE 1-4)

		(KOLL I	J G ROLL I	₹)			
IN THE MATTER OF THE APPLICA PHILLIPS PETROLEUM COMP		AUS	E NO	(B)			
ADDRESS P.O. BOX 2920					<u></u>		
CASPER, WYOMING		ZIP 82602	ENH	ANC	ED RECOVERY	INJ. WELL	xo
INDIVIDUAL PARTNERSHIP X		PORATION	DISE	OSA	L WELL	į	
FOR ADMINISTRATIVE APPROVA INJECT FLUID INTO THE 14W	1 10 i 43	DISPOSE OK			TORAGE WELL (RULE	I_A) [¥1
SEC14 TWP41	S DA		(2/3/		J WELE (NOLE)		<u></u>
SAN JUAN		OUNTY, UTAH			•		
Course we shall a well-	د ۱		PLICATION	•	air sha fallar		
Comes now the applicar 1. That Rule I-5 (g) (iv Gas storage operations 2. That the applicant s	auth	orizes administ	rative appro	valo			s, disposal or LP
Lease Name Ratherford Unit	Well N	le. 14W43	Field Gro	eate	r Aneth	County San Ju	an
Location of Enhanced Recovery 14W43		Sec14		-	Twp. 41S	R:	ge. 23E
New Well To Be Drilled Yes □ No 🖸		Well To Be Conve			Casing Test Yes	No Date	5-83
Depth-Base Lowest Known Wingate Fresh Water Within ½ Mile 1550!	Doe Oil	es Injection Zone C -Gas-Fresh Water \		YES 🂢) NO 🗆	State W	that & Gas
Location of Desert Creek P Injection Source(s) San Juan R			Geologic Nam and Depth of			eek (5567' Juan River	
Geologic Name of Desert Cre	ek I	& II	Depth of Injectinterval	ip n	to5536		
a. Top of the Perforated Interval: 53	77	b. Base of Fresh	Water:	c.	Intervening Thick	mess (a minus b)	3827
Is the intervening thickness sufficient to without additional data?	show f	iresh water will be	protected YES N	D	See	Attachment	#4
Lithology of Intervening Zones	See	Attachment	#1				ļ
Injection Rates and Pressures	Max	imum				B/D PSI	
The Names and Addresses of Those to V	Vhom N	latice of Applicatio	n Should be Se				
l					Pock A7	06515	
Navajo Tribe, Minerals						86515	
Superior Oil, P.O. Box Texaco Inc., P.O. Box 2					380		
Southland Royalty, 1000	For	t Worth Clu	b Tower,	For	t Worth, T	X 76102	
Wyoming PHILLIPS PETROLEUM COMPANY							
State of							
County of Natrona Before me, the undersigned known to me to be the person who ath states, that he is duly auth therein, and that said report is tr	ose n	ame is subscrib I to make the o	ed to the ab	ove i	nstrument, wi	E. Stuart ho being by me knowledge of	e duly sworn on the facts stated
Suscribed and sworn to be	>>>>>		day of	عك	<u>pt</u> , 19_	83	
SEAL DOC	NALE	L. HUDSON - N	Notary Public		Nonald	J. Wuda	<i>a</i> ~

My Commission Expires Nov 2005

My commission expire

State of

Wyoming Natrona Co., Wyoming

- 1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitive analysis of the injection formation of water.
- 2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
- 3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
 - 4. Attach Electric or Radioactivity Log of Subject well (if released).
- 5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
- 6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
- 7. The Division is required to send notice of application to he surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehole within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
- 8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
- 9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
- 10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
 - 11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
- 12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STR	ING SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY	
Surfaç e	13 3/8	88	100	Surface	Returns	
Intermediate	8 5/8	1299	400 [°]	Surface	Returns	
Production	5 1/2	5377	200	4774	CALCULATED	
Tubing	2 1/2	5360	Name - Type - Depth of Tubing Packer Baker Model A Tension PkR 5360			
Total Depth 5536	Geologic Name - I Desert Creek	nj. Zone Dept	h - Top of Inj. In 5377	terval Depti	1 - Base of Inj. Interval 5536	

JSE BLACK INK ONLY

ORM DOGM Rule I-5 (b) Revised 19	2	/T. 1	filad	wishia 20 d	ays after drillir	a is com	7.4		1YPE OR U 303- 247
PI NO. 43		641 ×	RTMEN 0	T OF NATURE OF NATURE SOLUTION SOLUTION COMPANY OF TOWN COMPAN	RAL RESOURCE MIL, GAS, AND MIS State Office Buildi City, Utah 84114 n_ Juansec. 1 PERATING Phi ESS P. 0. Be asper RTED 3.18 1 T PRODUCTION D_NE_W_SE FROM SO OF W. EKRICK/FOOR	ES AND NING ing 4 11 i ps OX 292 STA 4.13	TWP. 41: Petrole 0 ITE ZIP WY WELL NO EILLING FINIS .61 COMI	yoming 14W4 SHED 4 PLETED 4	mpany 1 82602 3 10 19 61 .17.61
Single Zo	Zene d			Open ho	ole				
				OIL O	R GAS ZONES				
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	Co	sing :	Set		Csg. Test		, Cem	ent	
Size	Wgt.	G	rade	Feet	Psi	Sax	Fillup		Тор
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5 5/8	287	J-	-55	1299	700	400		Sur	face
	32			-	1 1			, -	
5 1/2	15.5	J-	-55	5377		200	602	4	774
PACKERS SE	•					TOTAL	EPTH	5536	
PAUKERS SE DEPTH	Bake	er N	lode1	A Tensi	on PKR at	5360			

	1	2	3
rmation Des	ert Creek I+	77	•
ACING & SPACING	40 acre #C-3(B)		
CLASSIFICATION SPOSAL WELL, ENHANCED COVERY, LP GAS STORAGE)	Enhanced Recovery		
PERFORATED	Open Hole		
INTERVALS	5377-5536		
ACIDIZED?	4.28.78 1200 gal Fe.		i
	Acid		·
FRACTURE TREATED?	. No		
TIAL TEST DATA	Convert to i Squeeze Isma	njector 8-5-6 y (5310-50)	3
Date	8.5.63		
Oil, bbi./day			
Oil Gravity			
Gas, Cu. Ft./day	CF	a	· cr
Gas-Oil Ratio Cu. Pt./Bbi.		-	
Water-Bbl./day	914		•
Pumping or Flowing	pumping		1
CHOKE SIZE			L
FLOW TUBING PRESSURE	350		<u>)</u>
A record of the formation	ns drilled through, and p (use rever		resented on the reverse.
the undersigned, being first cording to the records of thi	duly swern upon eath, st s office and to the best	ate that this well record of my knowledge and b	d is true, correct and comple selief.
elephone <u>307–237–37</u> 9	Name an	A.E. S	tuart, Area Mar
ubscribed and sworn before			SEP 2 2 23

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

WELL: 14W43	
LOCATION: NESE Sec 1/1-7415-R23E	WI COMPLETION: 8.5.63
FIFLA: GDEATER ANEXH	WI COMPLETION 3.7
RESERVOIR: Desert Creek I+II	PRESENT STATUS! J.I.
PKB 4583'	SURFACE CASING: 1338" 48#
	SURFACE CASING: 1398 70
GL 4569.6' 88'	<u>H-40</u>
	\$5/8 "
	INTERMEDIATE CASING
	INTERMEDIATE CASING: 85/8" 28 4 32 4 J-55
	5½ "
에 티 티션	PRODUCTION CASING: 51/2" 15.5# J-55
1299' 🗒 📗 📗	<u> </u>
)	
PERFORATIONS:	
open hole Completion:	
5377-5536	
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\	PACKER! Baker model "A"
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	PACKER! Baker model "A" Tension Pkr@5360'
(1 {	Tubing: 21/2"@ 5360'
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5360' FX XI	
(A)	•
<u> </u>	
PBTD:	
OTD: 5536	

Phillips Petroleum Company

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 26	+		• • •	• • • • • • • • • • • • • • • • • • •	• + • • • + • •	·	RATHERFORD UNIT SAN JUAN COUNTT, UTAH 2" = 1 mile RCT 3-83
31	38	الد	+ •	• • • • • • • • • • • • • • • • • • •	34	3 0	oil producer vater injector vater supply Vacantic vater plugged i shandoned ohut in well unit boundry

CL1-12A (REV. 1964) .

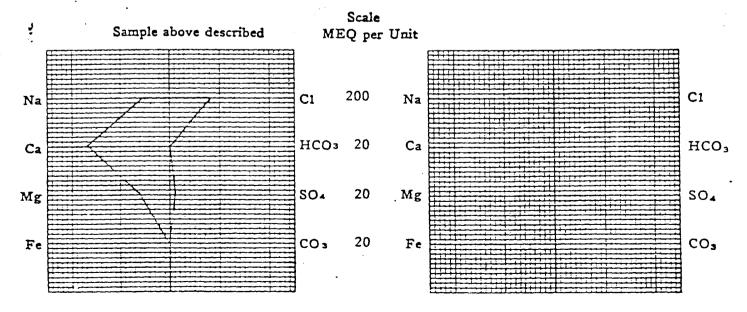
CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794 Casper, Wyoming

WATER ANALYSIS REPORT

WELL NO Ra	n Tuen		LOCATION FORMATION				
STATE Ut			INTERVAL SAMPLE FROM	Battery #1	Free	water ki	nockou
REMARKS & CONCLUSIONS:				(7-5-83) @ 10:35 S/N 28568			
		4-					
Cations	mg/1 30147	meq/1 1311.38	Anions		1380		<u>9/1</u> 8.70
Sodium	429	10.98	Demote		3000		5.60
Potassium	• • •		Chloride Carbonate		0		0.00
Lithium Calcium	6865	342.56	Bicarbonate		151		2.48
Magnesium	1738	124.86					-
Iron			Hydrogen sulfide				
To	tal Cations	1807.78	3	Cotal Anions	<u></u>	- 180	7.78
=	ids, mg/1 mg/1	103633 104549 7.3	Specific resistance Observed	_	0.087	· · · · · · · · · · · · · · · · · · ·	-meters

WATER ANALYSIS PATTERN



CL1-12A (REV. 1964)

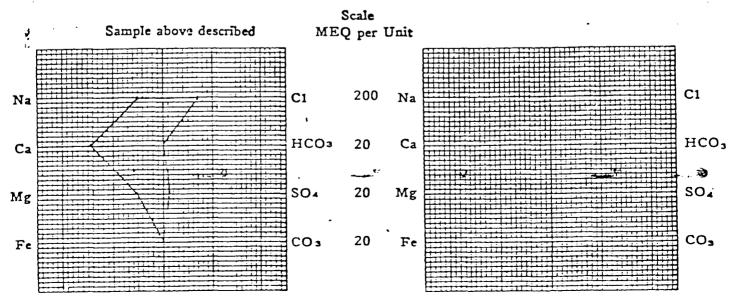
CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794 Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR_	Phillips Petrol		DATE	5-27-83	LAB NO.	<u> W30480</u>	
WELL NO_	Rutherford Unit		LOCATION				
FIELD			FORMATION				
COUNTY	San Juan		INTERVAL				
STATE	Utah		SAMPLE FROM	· 			
!	•						
PEMARKS &	CONCEDSIONS	pecific gravity					
	O	il and grease, m	<u> </u>				
	A	luminum (Al), mg	/1		- 0.90		
		ron (Fe), mg/l					
	1	otal Sulfides, m	g/1		- ND(0.1)		
Cations Sodium Potassium - Lithium Calcium Magnesium - Iron	<u>mg/1</u> 24574 396 5982 1419	meq/1 1068.99 10.14 	Carbonate	• • • • -	mg/1 1190 52000 0 190	24.75 1466.40 0.00 3.12	
	Total Cations	1494.27	<u> </u>	Total Anior	.	1494.27	
NaC1 equivaler	solids, mg/1	86344	Specific resistance Observed Calculate		- 0.095 - 0.086	_ ohm-meters _ ohm-meters	

WATER ANALYSIS PATTERN



CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Philips	Well No. Ratherpas Unit 14W43
County: Sandan T1/15 R 23	Esec. 14 API # 13-037-16410
New WellConversion Disposal W	ell Enhanced Recovery Well
	YES NO
UIC Forms Completed	
Plat including Surface Owners. L and wells of available record	easeholders,
Schematic Diagram	
Fracture Information	
Pressure and Rate Control	<u></u>
Adequate Geologic Information	
Fluid Source	Desir hust
Analysis of Injection Fluid	Yes No TDS 8 5655
Analysis of Water in Formation to be injected into	Yes No TDS 103633
" Known USDW in area	Wingste Depth 1550
Number of wells in area of revie	ew 4 Prod. 3 P&A 0.
	Water 0 Inj/
Aquifer Exemption	Yes NA
: Mechanical Integrity Test	Yes No
	DateType
Comments: TOC 4774	
	•
Reviewed by:	
· 	

UTAH DIVISION OF OIL, GAS AND MINING CASING-BRADENHEAD TEST

OPERATOR: Phi	llips	Petrol	eum	Compa	N4		
FIELD: Greater Aneth LI				•	•	Unit	<u> </u>
WELL #	14 W	43		SEC 4	TOWNSHIP 415	RANGE_	23 E
STATE FED. F.	EE DEPI	н <u>553</u>	36 TYP	E WELLIN	J W MAX. INJ.	PRESS.	
SD 6/1/81 , TA	1 in 85 (?	·)					
TEST DATE	7/84_						
CASING STRING	SI7F	የ ድጥ ልፕ	CMT	PRESSURE READINGS	REMARKS		FUTURE
SURFACE		<u>88</u>					FUTURE
	_						
PRODUCTION							
			-				
TUBING		5360	ension	PKr at 53	<u> </u>		
		D4C/ // /					
CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	#:	FUTURE
SURFACE					***		
INTERMEDIATE							<u>.</u>
PRODUCTION							
TUBING							
TUDING							
CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS		FUTURE
SURFACE				<u> </u>			
INTERMEDIATE				·			
PRODUCTION							
		·					
TUBING							

Compare was a distribute to the

(November 1903) (Fermerly 9-331) DEPARTMEN OF THE INTERIOR (Other Interior of the Interior of	Expires August 31, 1004-013 Expires August 31, 1005 Lutars Stockhafton and State 50. 14-20-603-247
SUNDRY NOTICES AND REPORTS ON WELLS	Navajo
Well of the Water Injection Well Same of creation Phillips Oil Company	SW-I-4192 8. FARS OR LEAST SAME Ratherford Unit
P.O. Box 2920, Casper, WY 82602	#14W43
4. Location or wall (Report leastles dearly and to accordance with day that redshirestiff. At earliest 3300' FNL, 4770' FWL JUL 1 1 1985	Greater Aneth 11. St., 2, 2, 20 ME. AM Sec. 14-T41S-R23E
14. PERMIT NO. 43-037-16410 15. REVATIONS (Show whether W. St. & MINING 4583 RKB GAS & MINING	18. COOPTY OF PARISE 18. STATE San Juan Utah
Check Appropriate Box To Indicate Nature of Notice, Report, or C	Other Data
PEACTURE TREAT SHOOT OR ACIDIES SEPARE WELL (Other) Temporarily abandon PCLL OR ALTER CASING SHOOT OR ACIDIES CHAMES PLANS (Other) Temporarily abandon PCLL OR ALTER CASING SHOOT OR ACIDIES (Other) Temporarily abandon PATER SHOTORS SHOOT OR ACIDIES (Other) Temporarily abandon	ALTRAINS WALL ALTRAINS CASINS ASARDONMENTS of multiple completion on Well ortica Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, proposed work. If well is directionally drilled, give subsurface bentiums and measured and true vertice need to this work.)* It is proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to temporarily abandon Ratherford Unit #14W43 as for the proposed to the pr	-
Ratherford Unit #14W43 is an open hole completion with 5-1/2", 15 casing set at 5377'. Üpon completion of the Zone I Waterflood Expansion into this area recommended to return Ratherford Unit #14W43 to operation as a present the commended of the complete of	o, it will be coduction well.
A 10' x 8' x 6' fenced pit will be constructed on location in a Upon completion of the workover, the pit will be dried and recov 5-BLM, Farmington, MM /2-Utah 0&G CC, Salt Lake City, Utah 1-P. J. Adamson 1-B. Conner, 318B-TRW 1-J. R. Weichbrodt 1-C. M. Anderson 1-File RC	previously disturbed area
SIGNED	July 9, 1985

*See Instructions on Reverse Side

•		, sa			State of the state
	HOIKES AND		DA VELLS		The state of the s
the not use this form for Um "A	PULICATION FOR PERLY	17 - 14 17 PM	with the state of the control of the	Navajo	25
	Water Inj	ection Wan	versons experies	T. USS MADERAL	PANS
ASTE OL OLOTHOS	water inj	ection wex	FCEINE	SW-1-4192	BANG CONTRACTOR
Phillips Petro	leum Company		Board	Ratherford	-
P. 0. Box 2920	, Casper, WY 82	602	AUG 2 2 1986 C	#14W43	The second secon
. LOCATION OF WELL (Report loc Bot also space 17 below.)	ation dearly and in sore	resorr with say	But DIVISIONOF	16. Ficto 440 Fee	L OR VILOCAT
At surface	and mr		OIL. GAS & MINING	Greater Ar	
3300' FNL,	4770' FWL			Tr. may by h. h.	OR BLE. AND
				Sec. 14-T	41S-R23E
4. PREMIT PO. 43-037-16410	18. MEVATIONS 4583 ' R	(Show whether M.	ST, GR, SIG.)	12. COUPTY OR PA	18 18 87418
				San Juan	Utah
		To Indicate N	ature of Notice, Report	, or Other Date	
7471C3 60	F SPERTION SO:	_	•	Drenderma States en:	
FRACTURE TRACE	PCIL OR ALTER CAN		WATER SECT-OFF		NO WELL
SHOOT OR ACTURES	MULTIPLE COMPIRT	* -	PRACTURE TREATMENT		CASING
REPAIR WELL	CHARGE PLANS		(Other)		-
(Other) Temporaril suscales represent on complete proposed work. If well is	y abandon exten		Completion or R	recults of multiple completi recorpleties Report and Leg	facts)
for temporary aba					
			APPROVE	D BY THE STAT	ΓE
		•	OF LITAL	1 DIVISION OF	
phy	-		O!L, GAS	AND MINING	•
•			DATE:	14/86	-
	· •		BY:		-
5-BLM, Farmingt 2-Utah O&G CC,		: III ah	•		
.1- P. J. Adamso	on.	ocan	•		
1- M. Williamso	on, 302 TRW				
1= J. R. Reno 1= Z. G. Sondel	ski				
1- B. J. Murphy					
1- File RC	olag je true and correct				
BIGHED AC GR	il	TITLE	Area Manager	DATE Au	gust 18. 1986
(This space for Federal or Str	ite offer tes)				700
APPROVED BY	-				
CONDITIONS OF APPROVAL	, IF ART:	TITLE		N#	

Form 3160-5 (November 1983) (Formerly 9-331) UN' ID STATES DEPARTME OF THE INTERIOF	SUBMIT IN TRIP (Other instruction verse side)	Budget Bureau No. 1004-0135 Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO.
BUREAU OF LAND MANAGEMENT		14-20-603-247 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON		The state of the s
(Do not use this form for proposate to drill or to deepen or plug back Use "APPLICATION FOR PERMIT" for such propos	eals.)	Navajo
OIL GAS	MARKET STATE	7. UNIT AGREEMENT NAME
WELL WELL OTHER Water Injection Water Injectio		ISW-I-4192 BI BARM OR LEASE NAME
Phillips Petroleum Company		Ratherford Unit
3. ADDRESS OF OPERATOR	AUG 4 1988	WELL NO.
P. O. Box 1150, Cortez, Co. 81321 4. LOCATION OF WELL (Report location clearly and th accordance with any State See also space 17 below)	te requirementé (1) 1 0 m	#14W43
See also space 17 below.) At surface	OIL, GAS & MINING	Greater Aneth
3300' FNL & 4770' FWL	- ar to a maniful	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT,	GR, etc.)	Sec. 14-T41S-R23E 12. COUNTY OR PARISH 13. STATE
43-037-16410 4583' RKB		San Juan Utah
16. Check Appropriate Box To Indicate Natu	re of Notice, Report, or C	Other Data
NOTICE OF INTENTION TO:		ENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
PRACTURE TREAT MULTIPLE COMPLETE	FRACTUBE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
(Other)	(Note: Report results	g Integrity Test X of multiple completion on Well
17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent de	tails and give postinent dates	etion Report and Log form.)
proposed work. If well is directionally drilled, give subsurface locations nent to this work.) •	and measured and true vertica	l depths for all markers and zones perti-
On $7-13-88$ a casing integrity test w #14W43 per BLM request dated 3-2-88.	as performed on	Ratherford Unit Well
On Ratherford Unit #14W43 the tubing		
1080 psi and held for a period of 20 20 minutes was 1040 psi.	minutes. Press	ure at the end of
The well remains shut-in long-term p	er the approval	of BLM 3-2-88.
5-BLM, Farmington, NM		
2-Utah O & G, Salt Lake City, UT		
1-Central Records, Barltesville, OK		
1-R. J. Rundt (r) Engineering 1-D. C. Gill (r) Denver Files		
1-Cortez Office - RC		
		-
18. I hereby certify that the foregoing is true and correct		
	rict Superintend	ent DATE 8/01/88
(This space for Faberal or State office use)		
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:		DATE

Form approved.

*See Instructions on Reverse Side

Ratherford Unit #	14W43
RKB Elev.	4583'
GL ELEU.	4569
RKB Above GL'	14'

JHON WAC

Locations NE SE Sec. 14

THIS-ROJE

Well Deld 4/2/61

Well Converted 8/3/63

CONDUCTOR CSC 13% 88'

Surface CsG. 8 1/8 @ 1,299

TOC 4015 CALC.

Tubing 2 @ 5,536' MARIEX lines

PACKER BAKER TENSION LOCK PKR

© 5,360

PERPS 5,377 - 5536

PBTO 53151

Production Csg. 51/2 @ 5377

J-55, 15.5#

All Perfs Zone I UNLESS NOTED

Form 3160-5 (November 1983) (Formerly 9-331) DEPARTME OF THE INTE BUREAU OF AND MANAGEME		Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO.
SUNDRY NOTICES AND REPORTS (Lio not use this form for proposals to drill or to deepen or pit Use "APPLICATION FOR PERMIT—" for see		6. IF INDIAN, ALLOTTER OR TRIBE NAME SW-I-4192
		T. UNIT AGREEMENT NAME
	WATER SUPPLY WELLS	RATHERFORD UNIT #7960041920
WELL WELL OTHER WATER INJECTION &	WATER SUFFLI WELLS	8. PARM OR LEASE HAME
		de sand on these same
PHILLIPS PETROLEUM COMPANY		
S. ADDRESS OF OPERATOR	The state of the s	9. WELL NO.
152 N. DURBIN, 2ND FLOOR, CASPER, WYOMIN		VARIOUS (see attached)
4. LOCATION OF WELL (Report location clearly and in accordance with See also space 17 below.)	any State requirements.	10. FIBLD AND POOL, OR WILDCAT
A constant		GREATER ANETH
SEE ATTACHED		11. SEC., T., R., M., OR BLE. AND
(Mi ch	MAR DO 1900	Sections 1 thru 30
•	Service of medical constraints and programs	T41S - R23E & 24E
14. PERMIT NO. 18. BLEVATIONS (Show whether	r DF, RT, DR, etc.)	12. COUPTY OR PARISE 18. STATE
	Oil, Cas & Mining	San Juan Utah
	-	Sali Suali Utali
6. Check Appropriate Box To Indicate	Nature of Notice, Report, or O	ther Data
NOTICE OF INTENTION TO:	вованого	ENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
PRACTURE TREAT MULTIPLE COMPLETE	PRACTURE TREATMENT	ALTERING CARING
SHOOT OF TCIDIES THE TOTAL THE TENTON OF THE TOTAL THE TENTON OF T	BEOOTING OR ACIDISING	ABANGORMENT*
REPAIR WELL CHANGE PLANS	(Other) CHANGE OF OV	
(Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertiproposed work. If well is directionally drilled, give subsurface is	Completion or Recomple	of multiple completion on Well tion Report and Log form.)
This is to advise all Water Inthe Ratherford Unit, listed on to Phillips Petroleum Company, (former Operator - Phillips Oi	the attached sheet, were effective August 1, 198	e sold
47-32-14 337-16-10		LM, Farmington, NM tah O&G CC, SLC, UT ile
8. I hereby certify that the foregoing is true and correct		
SIGNED A. H. Ode TITLE	District Superintendent	March 17, 1989
S. H. Oden		
(This space for Federal or State office use)		
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:		_ DATE

*See Instructions on Reverse Side

Form 3160-5 (November 1983) (Formerly 9-331)	DEPARTMEN	D STATES OF THE INTERI AND MANAGEMEN		actio. re-	Budget Bureau No. Expires August 31, 5. LEASE DESIGNATION AND 14-20-603-24	1985 SERIAL NO. 7-A
SUND (Do not use this for	RY NOTICES A rm for proposals to dri Jse "APPLICATION FO	ND REPORTS (Il or to deepen or plug I R PERMIT—" for such p	ON WELLS back to a different re roposals.)	servoir.	6. IF INDIAN, ALLOTTER OR Navajo Triba 7. UNIT AGREEMENT NAME	
OIL GAR WELL 2. NAME OF OPERATOR	other Wate:	r Injection	Well		SW-I-4192 8. FARM OR LEASE NAME	
Phillips Pe 3. ADDRESS OF OPERATOR P. O. Box 1 4. LOCATION OF WELL (Rep	troleum Com				Ratherford U 9. WHIL NO. 14W43	
See also space 17 below. At surface	& 4770' FW		₩ <u>1</u> 2	1989	10. FIELD AND POOL, OR WI Greater Anet 11. SEC., T., E., M., OR BLK. SURVBY OR AREA	h
14. PERMIT NO. 43-037-1641	15. ELE	VATIONS (Show whether DE	UN GION OIL, GAS & N	TINING	Sec. 14-T415 12. COUNTY OR PARISH 13	
16.		e Box To Indicate N	lature of Notice	Report, or O	San Juan her Data	Utah
• ,	PICE OF INTENTION TO:		10.57		NT REPORT OF:	
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE	PCLL OR A MULTIPLE ABANDON®	LTER CASING COMPLETE	1 2		REPAIRING WELL	
REPAIR WELL (Other)	CHANGE PI	.	(Other)	Report results o	ABANDONMENT* f multiple completion on toon Report and Log form.)	Well
17. DESCRIBE PROPOSED OR C proposed work. If w nent to this work.) *	OMPLETED OPERATIONS (rell is directionally drill	Clearly state all pertiner ed. give subsurface loca	it details, and give tions and measured	pertinent dates, in and true vertical	nciuding estimated date of depths for all markers an	
continued 1	ong-term sh	ut-in.			approved for	<i>:</i>
viable prod term shut-i	lucer. Tert in status is	iary recover	y potentia intil terti	l may exi	economically ist, and long- very potential veloped.	
					thin 30 days. has been con-	-
1-Utah O&G	uington, NM , CC nghini - Cort	A 7	1	of Utah D	l by the State	
1-John Lee	- Houston	1 - Bartlesvi		Oil, Gas a Date: <u>6</u>	and Mining	
1-Cortez O:	ffice - RC			By: 🔼		•
SIGNED M. I. (This space for Federa	Menghin		strict Super	intendent	_ DATE May 1	0, 1989
APPROVED BYCONDITIONS OF APP	ROVAL, IF ANY:	TITLE			DATE	

Federal Approval of this Action is Necessary

*See Instructions on Reverse Side

Form 3180-5 December (NAV)	DEPARTME:	TED STATES NT OF THE INTERIOR •	FORM APPROVED Budger Bureau No. (104-1135 Expires September 10. 1940 5 Lease Designation and Serial No. 14-20-603-247-A 6 If Indian Allonee w Tribe Name Voir. Nava10
;	BUREAU OF	LAND MANAGEMENT	5 Lease Designation and Serial No.
	SUNDRY NOTICES	AND REPORTS ON WELLS	14-20-603-247-A
Do not use this	form for proposals to di	rill or to deepen or reentry to a different reser R PERMIT—" for such proposals	o if Indian Allones is Tribe Name Navajo
	SURMIT	IN TRIPLICATE	7. If Unit of CA. Agreement Designation
		The leavening in	Ratherford Unit
I. Type of Well Oil Ga Well Well	a K Other SI Wate	r Injector	8. Well Name and No.
2. Name of Operator		MIA1 20 1000	Ratherford Unit 14W43
	troleum Company	State Followings Above	9. API Well No.
3. Address and Telephon		IN GAS LANUAG	43-037-16410
	in 2nd floor, Casp		10. Field and Pool, or Exploratory Area
4. Location of Well (Fox 3300 FSL &	otage, Sec., T., R., M., or Survey D	escriboou)	Greater Aneth
	14-T41S-R23E		11. County or Parish, State
NE SE SEC.	14-1415-8256		San Juan County, Utah
12. CHECK	K APPROPRIATE BOX	s) TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE O	F SUBMISSION	TYPE OF AC	TION
Notice Notice	e of intent	Abandonment	Change of Plans
		Recompletion	New Construction
Subsa	equent Report	Plugging Bock	Non-Routine Frecturing
		Casing Repair	Water Shut-Off
Finel	Abandonment Notice	Ahering Cosing	Conversion to Enjection
			long term shut in
			results of multiple completion on Well Completion or Report and Log form.)
		ll pertinent details, and give pertinent dates, including estimated date of call depths for all markers and zones pertinent to this work.if	starting any proposed work. If well is directionally drilled
This Sundry	v Notice serves as	Phillips Petroleum's request to	continue the long
		subject well. The well is part of	
			lithin the next
			M will be given
	ce prior to the in		a will be sived
	•		OIL AND GAS
			DBN BJF
		UIC	
		GLH	J.JRB J GLH
0+2 BLM Far	rmington	DJJ	DTS SLS

- 2 Utah O&GCC
- 1 EPA-Denver
- 1 M.L. Menghini
- 1 Casper RC

***************************************	DBN	RJF
UIC	QJR8	, GLH L
DJJ	DTS	SLS
BGH	U	
COMPUTER	TACK	
MICROFILM FILE		
7112		OFILM
	U-UIC-	LC-

4.	1 hereby	certally	*	7/	oregous	15	7	and	correct

Tide ____ District Superintendent__

Dete May 23, 1990

(This space for Federal or State office use)

Approved by Conditions of approval, if any:

Tide ______

...

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-247-A

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals

Navajo Tribal

SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation	
1. Type of Well Oil Gas X Other Shut-In Water Injector	Ratherford Unit 8. Well Name and No.	
2. Name of Operator Phillips Petroleum Company	14W43 9. API Well No.	
3. Address and Telephone No. P. O. Box 1150, Cortez, CO 81321 (303) 565-3426	9. API Well No. 43-037-16410 10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	Greater Aneth 11. County or Parish, State	
3300' FSL, 4770' FEL, Sec. 14, T41S, R23E	San Juan County, U	

2.	CHECK APPROPRIATE BOX(s) TO IND	CATE NATURE OF NOTICE, REPORT, OR OTHER DATA
----	---------------------------------	--

 TYPE OF SUBMISSION	TYPE OF ACTION	I
X Notice of Intent	Abandonment	Change of Plans
Subsequent Report	Recompletion Plugging Back Casing Repair	New Construction Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice	Altering Casing X Other Continue Long Term Shut-In	Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This sundry notice serves as Phillips Petroleum's request to continue the long term shut-in status for the subject well, pending the results of current offset drilling.

A mechanical integrity test will be performed on March 28, 1991. BLM and EPA will be informed 48 hours prior to the tes

DIVISION OF

5-BLM, Farmington 2-Utah Oil & Gas, CC

1-S. H. Oden - Casper

1-P. J. Konkel - Casper

1-EPA - San Francisco

1-Mike Brownlee - Houston GAS & MINING 1-Cortez Office - RC

14. I hereby o	ertify that the	foregoing	is true, an	d correct/	-
Signed	M.	L. Y	re	nghi	m'
(This spec	e for Federal	or State of	fice use)		

Title District Superintendent

Approved by Conditions of approval, if any: Title

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Form 9	TE OF UTAH			
DEF	DEPARTMEN, JF NATURAL RESOURCES			
DI	VISION OF OIL, GAS AND MININ	1G	14-20-603-247	
			7. Indian Allottee or Tribe Name	
	IOTICES AND REPORTS O		Navajo Tribal	
 *SULVEN - COST accorded - Sectional Section - Cost and Cost according to the Cost according to th	rill new wells, deepen existing wells, or to ree		8. Unit or Communitization Agreement	
Use A	PPLICATION FOR PERMIT— for such propo-	eals	Ratherford Unit	
		<u> </u>	SW-I-4192	
1. Type of Well	Cther (specify)		9. Well Name and Number	
Oil Gas Well	Other (specify) Injec	tor	14-W-43	
2. Name of Operator			10. API Well Number	
Phillips Petroleu	m Company		43-037-16410	
3. Address of Operator		4. Telephone Number	11. Field and Pool, or Wildcat	
5525 HWY 64, NBU	3004, Farmington, NM	1 (505) 599-3400	Greater Aneth	
5. Location of Well				
Footage .	' FSL & 4770' FEL		: San Juan	
QQ, Sec, T., R., M. : NE S	E Sec. 14, T41S, R23E	State	: UTAH	
12. CHECK APPROF	PRIATE BOXES TO INDICATE NA	ATURE OF NOTICE, REPC	ORT, OR OTHER DATA	
	E OF INTENT t in Duplicate)		QUENT REPORT Original Form Only)	
	☐ New Construction	Abandonment *	New Construction	
Casing Repair	Pull or Alter Casing	Casing Repair	Pull or Alter Casing	
Change of Plans	Recompletion	Change of Plans	Shoot or Acidize	
Conversion to Injection	Shoot or Acidize	Conversion to Injection	☐ Vent or Flare	
Fracture Treat	☐ Vent or Flare	Fracture Treat	Water Shut-Off	
Multiple Completion	☐ Water Shut-Off	Other		
☐ Other				
		Date of Work Completion		
Approximate Date Work Will S	tart			
Application Date Front Fill C			tions and Recompletions to different reservoirs	
		on WELL COMPLETION OR REC		
		* Must be accompanied by a cen	nent verification report.	
12 DESCRIBE PROPOSED OR COME	PLETED OPERATIONS (Clearly state all perti	nent details, and give pertinent dates	If well is directionally drilled give subsurface	

ANNUAL STATUS REPORT

A prelimianry review of this shut-in injection well indicates that it may be feasible to reactivate. This well was shut-in due to communication with Zone II. We will submit our plan of action to plug back and reactivate after we complete the feasibility study.

14. I hereby certify that the foregoing is true and correct

Name & Signature

TitleSR DRLD & PROD ENDate2-11-92

(State Use Only)

locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Type of Well

X Other

Oil Well

UNITED STATES IENT OF THE INTERIOR DEPA:

BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lesse Designation and Serial No 14-20-603-247-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Ratherford Unit

SUNDRY NOTICES AND REP	PORIS ON 1	WELLS
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Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

Water Injector

Navajo Tribal

SW-I-4192

8. Well Name and No.

2. Name of Operator		Ratherford Unit #14V43
Phillips Petroleum Company	9. API Well No.	
3. Address and Telephone No.	43-037-16410	
5525 Hwy 64 NBU 3004, Farming	gton, NM 87401 (505) 599-3412	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D	escription)	Greater Aneth
Sec. 14, T41S, R23E 3300' FSL & 4770' FEL		11. County or Parish, State
3300 FSL & 4770 FEL		San Juan, Utah
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF AC	TION
Notice of Intent	Abandonment	Change of Plans
Subsequent Report	Recompletion X Plugging Back	New Construction Non-Routine Fracturing
Final Abandonment Notice	Casing Repair Altering Casing Other	Water Shut-Off Conversion to Injection Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)
 Describe Proposed or Completed Operations (Clearly state all give subsurface locations and measured and true vertice 	pertinent details, and give pertinent dates, including estimated date of all depths for all markers and zones pertinent to this work.)*	f starting any proposed work. If well is directionally drilled,

This well has been shut-in due to Zone I & II both being open. Our plan of action for this well is to re-enter, perform a plug back to Zone I, stimulate Zone I, perform MIT, and return the well to injection. We will plug back with cement from 5536' to \pm 5460'. The open hole section of Zone I from 5380' to 5455' will be stimulated. The injection tbg and pkr will be run to ± 5300'. An MIT will be performed at 1000 psi for 30 minutes. Mr. Ken Lingo, EPA representative will be notified to witness these operations.

APR 2 3 1992

DIVISION OF OIL, GAS & MINING

Accepted by the State of Utah Division of

Oil, Gas and

Date: 4-27-92

1 2	At the foregoing is true and correct	Title .	Sr.	Drlg.	& Prod.	Engr.	Date .	4-16-92
•	deral or State office use) Federal Approval of this					<u> </u>		
Approved by Conditions of appr	Federal Approval of this	Title _					Desc.	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

I. Type of Well

Oil Well

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Burcau No. 1004-0135

Expires: March 31, 1993

5. Lesse Designation and Serial No. 14-20-603-247A

6. If Indian, Allottoe or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

Injector

Navajo Tribal
7. If Unit or CA, Agreement Designation

SW-I-4192

8. Well Name and No.

Ratherford Unit

2. Name of Operator		Ratherford Unit #14W43
Phillips Petroleum Company		9. API Well No.
3. Address and Telephone No.		43-037-16410
5525 Hwy 64 NBU 3004, Farmington	n, NM 87401 (505) 599-3412	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Descript	ion)	Greater Aneth
Sec. 14, T41S, R23E	•	11. County or Parish, State
3300' FSL & 4770' FEL		San Juan, Utah
12. CHECK APPR PRIATE BOX(s) TO	D INDICATE NATURE OF NOTICE, F	REPORT, OF OTHER DATA
TYPE OF SUBMISSION	TYPE OF AC	CTION
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off

Completion or Recompletion Report and Log form 1

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Altering Casing

10-25-92 thru 11-16-92

Final Abandonment Notice

MIRU DDWSU. Cement squeezed Ismay from 5310'-53'. Perf'd and circulated cement @ 1795'-96'. Circulated to surface outside 5-1/2" annulus. Perf leaked. Ran csg patch & covered leaky perf. Found hole @ 3200'. Squeezed leak. Would not hold pressure. Set CIBP @ 3047'. TA until further evaluation. (Ken Lingo was notified of squeeze job and was present @ csg patch).



Conversion to Injection

(Note Report results of multiple completion on Well

DIVISION OF OIL GAS & MINING

Signed F ROLLSON	Title Sr. Drlg. & Prod. Engr.	Date	11-19-92
(This space for Federal or State office use) Approved by Conditions of approval, if any:	Title	Date	

Tide 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

P J KONKEL PHILLIPS PETROLEUM COMPANY 5525 HWY 64 NBU 3004

FARMINGTON NM 87401

AUG 1 6 1993

REPORT PERIOD (MONTH/YEAR)

DIVISION OF

OIL, GAS & MININGMENDED REPORT [(Highlight Changes)

Well Name			Producing	Well	Days		Production Volumes	
API Number	Entity L	ocation	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)
#21-23 4303713754	06280 415 2	24E 21	DSCR	POW	29	1374	883	58
#3-44 4303715031	06280 415 2	24E 3	DSCR	POW	30	111	94	2905
#3-14 4303715124	06280 415	24E 3	DSCR	POW	30	67	23	302
#9-12 4303715126	06280 415 3	24E 9	DSCR	POW	30	112	654	17363
#9-14 4303715127	06280 415	24E 9	DSCR	POW	30	201	315	423
#28-12 4303715336	06280 415 2	24E 28	PRDX	POW	29	112	47	2428
#29-12 4303715337	06280 415 :	24E 29	PRDX	POW	29	56	0	672
#29-32 4303715339	06280 415 :	24E 29	DSCR	POW	29	1402	287	2224
#29-34 4303715340	06280 415 .	24E 29	DSCR	POW	29	757	48	0
#30-32 4303715342	06280 41S :	24E 30	DSCR	POW	29	588	1049	3744
	06280 41S	24E 3	DSCR	POW	30	268	11	363
#9-34 4303715711	06280 415	24E 9	DSCR	POW	30	45	46	9800
#10-12 4303715712	06280 415	24E 10	DSCR	POW	30	45	23	1088
1154					TOTALS	5138	3480	41370

Effective July 1, 1993, Phillips Petroleum Company has sold its interest in the COMMENTS:

Ratherford Unit to Mobil Exploration and Producing U.S., Incorporated, P. O. Box

633, Midland, Texas 79702. Mobil assumed operations on July 1, 1993.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 8/11/93

Name and Signature: PAT KONKEL

Telephone Number: 505 599-3452

FURM 11	STATE OF UTAH /ISION OF OIL, GAS AND MINI	NG Page 1 of 1
	MONTHLY OIL AND GAS DISPOS	SITION REPORT
	NAME AND ADDRESS:	UTAH ACCOUNT NUMBER: N7370
BR I	AN-BERRY P-N A- MOBIL 219031 1807A RENTWR P.O. DrAWER G LAS TX 75221-9031 CORTEZ, CO. 81321	REPORT PERIOD (MONTH/YEAR): 7 / 93
		AMENDED REPORT (Highlight Changes)

*93100/e updated.

ENTITY	PRODUCT	GRAVITY	BEGINNING	VOLUME		DISPOSIT	ions		ENDING
NUMBER		BTU INVENTORY	PRODUCED	TRANSPORTED	USED ON SITE	FLARED/VENTED	OTHER	INVENTORY	
	OIL			177609	177609	9			
05980	GAS			72101	66216	5885			
	OIL								
11174	GAS								
	OiL								
	GAS				-				
····	OIL								
	GAS						WIZT.	EIV	RIL
	OIL							4 7 40	
	GAS						ે	EP 1 3 19	3
	OIL						D	VISION (GAS & M	OF NINC
	GAS						(I L,	D. 10 W W	
	OIL								
	GAS								
		TOTALS		2467.4	243825	5885			

COMMENTS: PLEASE NOTE ADDRESS Change, Masi	LASSO PRODUCTION REPORTS
Will be COMPILED AND SENT from the	e Cortez, Co. Office
IN THE FUTURE. I hereby certify that this report is true and complete to the best of my knowledge.	Date: 9/5/93
	2n3 KKC77

Name and Signature: Invelle & Shiffield

Telephone Number 24 658 2528

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

		S. LEASE DESIGNATION & SERIAL N
SUNDRY NOTICES AND REPORT (Do not use this form for proposals to drill or to deepen or use "APPLICATION FOR PERMIT—"	r plug back to a different reservoir.	NAVAJO TRIBAL
OIL GAS OTHER		?. UNIT AGREEMENT NAME
AME OF OPERATOR	WIE COLOR	RATHERFORD UNIT
MOBIL OIL CORPORATION -		WELL NO.
P. 0. BOX 633 MIDLAND, TX 79	702 SEP 1 5 1993	
OGATION OF WELL (Report location clearly and in accordance with any See also space 17 below.) St. Rufface		10. FIELD AND POOL, OR WILDCAT GREATER ANETH
Lt proposed prod. Zone	DIVISION OF OIL, GAS & MININ	11. SEC., T. R., M., OR BLK. AND SURVEY OR AREA
PI NO. 15. ELEVATIONS (Show we	nether DF, RT, GR, etc.)	12. COUNTY 13. STATE
		SAN JUAN UTAH
Check Appropriate Box To Indi	icate Nature of Notice, Report or	Other Data
NOTICE OF INTENTION TO:	2EU2	EQUENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING FRACTURE TREAT MULTIPLE COMPLETE SHOOT OR ACIDIZE ABANDON REPAIR WELL CHANGE PLANS	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other)_CHANGE	REPAIRING WELL ALTERING CASING ABANDONMENT* DF OPERATOR Its of multiple completion on Well
(Ashs)		
APPROX. DATE WORK WILL START DESCRIBE PROPOSED OR COMPLETED OPERATIONS (CI starting any proposed work. If well is directionally drilled, give pertinent to this work.)	DATE OF COMPLETION learly state all pertinent details, and give subsurface locations and measured and	e pertinent dates, including estimated d true vertical depths for all markers and
APPROX. DATE WORK WILL START DESCRIBE PROPOSED OR COMPLETED OPERATIONS (CI starting any proposed work. If well is directionally drilled, give pertinent to this work.) AS OF JULY1, 1993, MOBIL OIL CORPOR.	DATE OF COMPLETION learly state all pertinent details, and give subsurface locations and measured and * Must be account	e pertinent dates, including estimated d true vertical depths for all markers and mpanied by a cement verification r
APPROX. DATE WORK WILL START DESCRIBE PROPOSED OR COMPLETED OPERATIONS (CI starting any proposed work. If well is directionally drilled, give pertinent to this work.)	DATE OF COMPLETION learly state all pertinent details, and give subsurface locations and measured and * Must be account	e pertinent dates, including estimated d true vertical depths for all markers and mpanied by a cement verification r
APPROX. DATE WORK WILL START DESCRIBE PROPOSED OR COMPLETED OPERATIONS (CI starting any proposed work. If well is directionally drilled, give pertinent to this work.) AS OF JULY1, 1993, MOBIL OIL CORPOR.	DATE OF COMPLETION learly state all pertinent details, and give subsurface locations and measured and * Must be account	e pertinent dates, including estimated d true vertical depths for all markers and mpanied by a cement verification r
APPROX. DATE WORK WILL START DESCRIBE PROPOSED OR COMPLETED OPERATIONS (CI starting any proposed work. If well is directionally drilled, give pertinent to this work.) AS OF JULY1, 1993, MOBIL OIL CORPOR.	Completion or Re DATE OF COMPLETION learly state all pertinent details, and give subsurface locations and measured and * Must be accompation in the operation of the operation	e pertinent dates, including estimated d true vertical depths for all markers and mpanied by a cement verification r
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (CI starting any proposed work. If well is directionally drilled, give pertinent to this work.) AS OF JULY1, 1993, MOBIL OIL CORPOR ATTACHED ARE THE INDIVIDUAL WELLS.	Completion or Re DATE OF COMPLETION learly state all pertinent details, and give subsurface locations and measured and * Must be accompation in the operation of the operation	e pertinent dates, including estimated d true vertical depths for all markers and mpanied by a cement verification r

F	PA	1,

-12W-44	43-037-16405	14-20-603-246A	SEC 12 TA1S D225	SE/SE 660 FSL; 660 FEL
	43-037-10403	14-20-603-246A		SE/SE 807 FEL; 772 FSL
413-11W 3	43-037-31152	14-20-603-247A	SEC. 13, T41S, R23E	NW/NW 500 FNL; 660 FWL
	43-037-31127	14-20-603-247A	SEC. 13, T41S, R23E	SW/NW 1705 FNL; 640 FWL
13W-13	43-037-15851	14-20-603-247A	SEC. 13, T41S, R23E	NW/SW 1980 FSL; 4620 FEL
13-14	43-037-31589	14-20-603-247A	SEC. 13, T41S, R23E	660 FSL; 660 FWL
13-21	43-037-31128	14-20-603-247A	SEC. 13, T41S, R23E	NE/NW 660 FNL; 1920 FWL
	43-037-15852	14-20-603-247A	SEC. 13, T41S, R23E	SE/NW 1988 FNL; 3300 FEL
13-23	43-037-31129	14-20-603-247A	SEC. 13, T41S, R23E	NE/SW 1980 FSL; 1930 FWL
	43-037-15853 -	14-20-603-247	- SEC. 13, T416, R23E	600 FSL; 3300 FEL
	43-037-16406	14-20-603-247A	SEC. 13, T41S, R23E	1881 FNL; 1979 FEL
	43-037-15855	14-20-603-247A	SEC. 13, T41S, R23E	NW/SE 1970 FSL; 1979 FEL
13W-34	43-037-31130	14-20-603-247A	SEC. 13, T41S, R23E	SW/SE 660 FSL; 1980 FEL
13-41	43-037-15856	14-20-603-247A	SEC. 13, T41S, R23E	NE/NE 660 FNL; 660 FEL
13W-42 m	43-037-15857	14-20-603-247A	SEC. 13, T41S, R23E	SE/NE 2139; 585 FEL
13-43	43-037-31131	14-20-603-247A		NE/SE 1700 FSL; 960 FEL
	43-037-16407	14-20-603-247A	SEC. 13, T41S, R23E	SE/SE 635 FSL; 659 FEL
	NΛ	14-20-603-4037		SW/SW 660 FSL; 660 FEL
		14-20-603-247A	SEC. 14, T41S, R23E	2130 FNL; 1830 FEL
		14-20-603-247A		NE/NE 521 FEL; 810 FNL
		14-20-603-247A		SE/NE 1976 FNL; 653 FEL
	43-037-16410	14-20-603-247A	SEC. 14, T41S, R23E	<u> </u>
P		14-20-603-247	SEC. 14, T41S, R23E	2130 FSL; 1830 FEL
15-12	43-037-15715	14-20-603-355	SEC. 15, T41S, R24E	
	43-037-16411	14-20-603-355	SEC. 15, T41S, R24E	660 FNL; 1820 FWL
	43-037-30449	14-20-603-355	SEC. 15, T41S, R24E	SE/NW, 1980 FNL; 2050 FWL
15-32	43-037-15717	14-20-603-355A	SEC. 15, T41S, R24E	1980 FNL; 1980 FEL
15-33	43-037-15718	14-20-603-355	SEC. 15, T41S, R24E	NW/SE 1650 FSL; 1980 FEL
15-41	43-037-15719	14-20-603-355	SEC. 15, T41S, R24E	660 FNL; 660' FEL
15-42	43-037-30448	14-20-603-355	SEC. 15, T41S, R24E	SE/NE 2020 FNL; 820 FEL
	43-037-15720	14-20-603-355		SW/NW 1880 FNL; 660 FWL
16-13	43-037-31168	14-20-603-355	SEC. 16, T41S, R24E	1980 FSL; 660 FWL
M GW 1A	43-037-15721	14-20-603-355		SW/SW 660 FSL; 660 FWL
	43-037-16414			
		14-20-603-355	SEC. 16, T41S, R24E	NE/NW 660 FNL; 1880 FWL
	43-037-15722	14-20-603-355	SEC. 16, T41S, R24E	NE/SW 1980 FSL; 1980 FWL
16-32	43-037-15723	14-20-603-355	SEC. 16, T41S, R24E	1980 FNL; 1980' FEL
16-34	43-037-15724	14-20-603-355	SEC. 16, T41S, R24E	660 FNL; 1980' FEL
16-41	43-037-15725	14-20-603-355	SEC. 16, T41S, R24E	660 FNL; 660 FEL
16W-43	43-037-16415	14-20-603-355	SEC. 16, T41S, R24E	NE/SE 2140 FSL; 820 FEL
17-11	43-037-31169	14-20-603-353	SEC. 17, T41S, R24E	NW/NW 1075' FNL; 800' FWL
17W-12	43-037-15726	14-20-603-353	SEC. 17, T41S, R24E	SW/NW 1980' FNL; 510' FWL
17-13	43-037-31133	14-20-603-353	SEC. 17, T41S, R24E	NW/SW 2100' FSL; 660' FWL
		14-20-603-353	SEC. 17, T41S, R24E	SW/SW 660' FSL; 660' FWL
	43-037-16416	14-20-603-353	SEC. 17, T41S, R24E	510' FNL; 1830' FWL
	43-037-31170	14-20-603-353	SEC. 17, T41S, R24E	
17W-22	43-037-15728	14-20-603-353	SEC. 17, T415, R24E	NE/SW 1980' FWL; 1880' FSL
17-31				NW/NE 500' FNL; 1980' FEL
	43-037-31178	14-20-603-353	SEC. 17, T41S, R24E	
	43-037-15729	14-20-603-353	SEC. 17, T41S, R24E	SW/NE 1830' FNL; 2030' FEL
17-33	43-037-31134	14-20-603-353	SEC. 17, T41S, R24E	NW/SE 1980' FSL; 1845' FEL
17-34W*	43-037-15730	14-20-603-353	SEC. 17, T41S, R24E	SW/SE 560' FSL; 1880' FEL
17W-41	43-037-15731	14-20-603-353	SEC. 17, T41S, R24E	610' FNL; 510' FEL
17-42	43-037-31177	14-20-603-353	SEC. 17, T41S, R24E	SE/NE 1980; FNL, 660' FEL
17-44	43-037-15732	14-20-603-353	SEC. 17, T41S, R24E	660 FSL; 660' FEL
J17W-43	43-037-16417	14-20-603-353	SEC. 17, T41S, R24E	NE/SE 1980' FSL; 660' FEL
18-11	43-037-15733	14-20-603-353	SEC. 18, T41S, R24E	NW/NW 720' FNL; 730' FWL
18-12W	43-037-31153	14-20-603-353	SEC. 18, T41S, R24E	SW/NW 1980' FNL; 560' FWL
18W-21	43-037-16418	14-20-603-353	SEC. 18, T41S, R24E	NE/NW 660' FNL; 1882' FWL
18-22	43-037-31236	14-20-603-353	SEC. 18, T41S, R24E	SW/NW 2200' FNL; 2210' FWL
18W-23	43-037-30244	14-20-603-353	SEC. 18, T41S, R24E	NE/SW 2385' FSL; 2040' FWL
	43-037-15735	14-20-603-353	SEC. 18, T415, R24E	SW/SW 810' FSL; 600' FWL
18-24	43-037-13739	14-20-603-353	SEC. 18, T415, R24E	SE/SW 760' FSL; 1980' FWL
				NW/NE 795' FNL; 2090; FEL
18-31	43-037-31181	14-20-603-353	SEC. 18, T41S, R24E	
18W-32	43-037-15736	14-20-603-353	SEC. 18, T419, R24E	SW/NE 2140' FNL; 1830' FEL
18-33	43-037-31135	14-20-603-353	SEC. 18, T41S, R24E	NW/SE 1870' FSL; 1980' FEL
418-34W	43-037-15737	14-20-603-353	SEC. 18, T41S, R24E	SW/SE 780' FSL; 1860 FEL
18W-41	43-037-15738	14-20-603-353	SEC. 18, T41S, R24E	NE/NE 660' FNL; 660' FEL
18-42	43-037-31182	14-20-603-353	SEC. 18, T41S, R24E	SE/NE 2120' FNL; 745' FEL
18W-43	43-037-16419	14-20-603-353	SEC. 18, T41S, R24E	NE/SE 1980' FSL; 660' FEL
18-44	43-037-31045	14-20-603-353	SEC. 18, T41S, R24E	SE/SE 660' FSL; 660' FEL
19-11	43-037-31080	14-20-603-353	SEC. 19, T41S, R24E	NW/NW 660' FNL; 660' FWL
19-12	43-037-15739	14-20-603-353	SEC. 19, T41S, R24E	600' FWL; 1980' FNL
19-14	43-037-15740	14-20-603-353	SEC. 19, T41S, R24E	600' FSL; 660' FEL
~L			<u> </u>	•

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

	CBL repair to the first
Well name and number:	
Field or Unit name: RATHERFORD UNIT	•
Hell location: QQ section towns	nip range county
Effective Date of Transfer:	
CURRENT OPERATOR	
Transfer approved by:	
Name Ed Hasely	
Signature & Hasely	Address 5525 HWY. 64
Title Environmental Engineer	Farmington, NM 87401
Date October 22, 1993	Phone (505) 599-3460
Comments:	
NEW OPERATOR	
Transfer approved by:	(
Name Shirley Todd	Mobil Exploration & Producing North America Company
Signature Shuley Sodd	
Title Env. & Reg. Technician	Midland, TX 79702
Date October 7, 1993	Phone (915) 688-2585
Comments:	
(State use only) Transfer approved by	Titleltec Mannaer_
Approval Date 10-27-93	

Lisha Cordova (801) 538-5340

BEFORE THE OIL AND GAS COMBERVATION COMMESSION OF THE STATE OF UTAH

APPLICATION OF PHILLIPS PETROLEUM COMPANY FOR THE APPROVAL OF THE)	
UNIT OPERATIONS AND PRESSURE MAIN-	\	CAUSE 110. 63
TENANCE PROGRAM FOR THE RATHERFORD UNIT IN THE GREATER AMETH AREA,)	
SAN JUMN COUNTY, UTAH)	

ORDER

This Cause came on for hearing before the Oil and Gas Conservation

Commission of the State of Utan at 10 o'clock a. m. on Wednesday, September 13,

1961, in the Crystal Room, Notel Newhouse, Fourth South at Main Street, Salt

Lake City, Utah, pursuant to notice duly and regularly given. The entire Commission, except Walter G. Mann, was present, Edward W. Clyde presiding. Appearances were made as follows: Cecil C. Manilton, attorney, on behalf of Phillips

Petroleum Company; Clair M. Senior, attorney, on behalf of Texaco, Inc.; Gordon

Mayberry, attorney, on behalf of Continental Oil Company; R. R. Robison on behalf of Shell Oil Company. Others present included Carl Trawick, on behalf of

United States Geological Survey; and J. R. White, on behalf of Texaco, Inc.

avidence in support of the application was introduced by Phillips
Petroleum Company, the applicant and Unit Operator of the Ratherford Unit,
which embraces as the unit area the following described land in San Juan County,
State of Utah, to wit:

علل

Section 1:

TO NSHIP 41 SOUTH, RANGE 23 EAST, SLEW

Section 2:	3/2	Section 14:	3/2
Section 11:	2/2	∋ection 24:	411
<u>TO.#</u>	SHIP 41 SOUTH, RANG	5 24 KAST, SLOM	
Section:3:	34/4	Sections 15	
Section 4:	S/2	through 21:	All
Sections 5 through 9): ill	Section 22:	Ne/4 and
Section 10:	3/2 and $33/4$ and $3/2$ of $3E/4$		∏/2 of the SW/4
Section 11:	3/2 of SW/4	Section 23:)1.74 and 1.72 of 112/4
Jection 14:	/2		and $11/2$ of $511/$
		Section 29 and 30:	āll.
		Section 31:	1/2
		Section 32:	::/2

Sections 12 and 13:

111

2. 3. Robison on behalf of hell bil company stated that (as contemplated by paragraph No. 5 of the Commission's order of February 24, 1959, in Cause No. 17 authorizing the drilling of certain test wells) Shell would submit to the Commission, as arbiter, the question as between Shell and Superior Oil Company

of the monetary value, if any, to be attributed to three test wells drilled within the Ratherford Unit area pursuant to said order of February 24, 1959.

No objection to the granting of the application was filed or expressed.

The Shell Oil Company, Texaco, Inc. and Continental Oil Company expressed their support of the application of Phillips Petroleum Company.

FINDINGS OF FACT

The Commission finds that:

- 1. The unitized operation of the Ratherford Unit Area will enable pressure maintenance operations to be initiated and permit such Area to be operated in a manner which will prevent waste, protect correlative rights and result in greater ultimate recovery of oil and gas.
- 2. The Ratherford Unit Agreement has been approved by the various signatory parties as fair, reasonable and acceptable.
- 3. The water injection pressure maintenance program proposed by the applicant appears to be proper and designed to result in the greatest economic recovery of oil and gas to the end that all concerned, including the general public, may realize and enjoy the greatest good from the oil and gas resources of the unitized lands.

ORDBR

THEREFORE, IT IS OFDERED BY THE COMMISSION, and subject to its continuing jurisdiction, that:

- 1. Unit operation of the Ratherford Unit Area under the Batherford Unit Agreement is approved.
- 2. The plan and program of water injection pressure maintenance operations proposed by applicant in its application filed herein should be and the same is hereby approved and the unit operator is authorized to proceed with and under such plan and program as soon as the Ratherford Unit Agreement becomes effective and operative.
- 3. If, at any time or from time to time, it appears necessary or desirable to the unit operator to alter or modify the hereby approved plan of pressure maintenance, any such alteration or modification shall be submitted for

and shall be subject to approval by the Commission or its delegated representative, which approval may be given without notice or hearing, unless otherwise ordered or directed by the Commission.

Dated this 13th day of September, 1961.

THE OIL AND GAS CONSCRIVATION COMMISSION OF THE STATE OF UTAH

Edward W. Clyde, Commissional presiding

C. R. Renderson, Chairman

M. V. Hatch, Commissioner

C. S. Thomson, Commissioner

Walter G. Mann, Commissioner

Sept 29, 1993

To: Lisha Cordova-Utah Mining Oil & Gasier Easley BLM Farmington, NM 505 599-6355

Here is copy of Ratherford Unit Successor aprator.

4 pages including this one.

26 rothingerd Unit (GC)

*IGEIVED BLM

27 11111144

Navajo Area Office P. O. Box 1060 Gallup, New Mexico 87305-1060

ARES/543

لادوا د مرانال

Mr. G. D. Cox Mobil Exploration and Producing North America, Inc. P. O. Box 633 Midland, Texas 79702

Dear Mr. Cox:

Enclosed for your information and use is the approved Designation of Operator between the Phillips Petroleum Company and Mobil Exploration and Producing North America, Inc. for the Ratherford Unit.

Please note that all other concerned parties will be furnished their copy of the approved document.

Sincerely,

Aligo acomore

ACTING Area Director

Enclosure

cc: Bureau of Land Management, Farmington District Office w/enc.
TNN, Director, Minerals Department w/enc.

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF INDIAN AFFAIRS**



DESIGNATION OF OPERATOR

Phillips Petroleum Company is, on the records of the Bureau of Indian Affairs, operator of the Ratherford Unit.

AREA OFFICE: Window Rock, Arizona LEASE NO: Attached hereto as Exhibit "A" 070 FARMINGTON, NM

and, pursuant to the terms of the Ratherford Unit Agreement, is resigning as Unit Operator effective July 1, 1993, and hereby designates

NAME: Mobil Exploration and Producing North America Inc., duly elected pursuant to the terms of the Ratherford Unit Agreement.

ADDRESS: P. O. Box 633, Midland, Texas 79702

Attn: G. D. Cox

as Operator and local agent, with full authority to act on behalf of the Ratherford Unit lessees in complying with the terms of all leases and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160 and 25 CFR 211 and 212) with respect to (described acreage to which this designation is applicable):

Attached hereto as Exhibit "A"

Bond coverage under 25 CFR 211, 212 or 225 for lease activities conducted by the above named designated operator is under Bond Number 05202782 (attach copy). Evidence of bonding is required prior to the commencement of operations.

It is understood that this designation of operator does not relieve any lessee of responsibility for compliance with the terms of the leases and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the leases.

In case of default on the part of the designated operator, the lessees will make full and prompt compliance with all regulations, lease terms, stipulations, or orders of the Secretary of the Interior or his representative.

Attached is the appropriate documentation relevant to this document.

The designated operator agrees to promptly notify the authorized officer of any change in the operatorship of said Ratherford Unit.

June /7, 1993

Phillips Petroleum Company

Mobil Exploration and Producing North America Inc.

June // , 1993

AREA DIRECTOR

APPROVED PURSUANT, TO SECRETARIAL REDELEGATION ORDER 209 DM 8 AND 230 DM 3.

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and therefore does not require OMB approval.

EXHIBIT "A"

ATTACHED TO AND MADE A PART OF DESIGNATION OF SUCCESSOR OPERATOR, RATHERFORD UNIT

EXHIBIT "C"

Revised as of September 29, 1992) SCHEDULE OF TRACT PERCENTAGE PARTICIPATION

Tract <u>Number</u>	Description of Land	Serial Number and Effective Date of Lease	Tract Percentage Participation
1	S/2 Sec. 1, E/2 SE/4 Sec. 2, E/4 Sec. 11, and all of Sec. 12, T-41-S, R-23-E, S.L.M. San Juan County, Utah	14-20-603-246-A Oct. 5, 1953	11.0652565
	SE/4 and W/2 SW/4 Sec. 5, the irregular SW/4 Sec. 6, and all of Sec. 7 and 8, T-41-S, R-24-E, San Juan County, Utah	14-20-603-368 Oct. 26, 1953	14.4159942
, 3	SW/4 of Sac. 4, T-41-S, R-24-E, San Juan County, Utah	14-20-603-5446 Sept. 1, 1959	.5763826
4	SE/4 Sec. 4, and NE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4035 Harch 3, 1958	1.2587779
5	SW/4 of Sec. 3, T-41-5, R-24-E, S.L.M., san Juan County, Utah	14-20-603-5445 Sept. 3, 1959	. 4667669
6	NW/4 of Sec. 9, T-41-s, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5045 Feb. 4, 1959	1.0187043
7	NW/4, W/2 NE/4, and SW/4 Sec. 10, SE/4 Sec. 9. T-41-5, R-24-E, San Juan County, Utah	14-20-603-4043 Feb. 18, 1958	3.5097575
8	SW/4 Sec. 9, T-41-S, R-24-E, S.L.H. San Juan County, Utah	14-20-603-5046 Feb. 4, 1959	1.1141679
9	SE/4 Sec. 10 and S/2 SW/4 Sec. 11 T-41-S, R-24-E, San Juan County, Utah	14-20-603-4037 Feb. 14, 1958	2.6186804
10	All of Sec. 13, E/2 Sec. 14, and E/2 SE/4 and N/2 Sec. 24, T-41-5, R-23-E, S.L.H., San Juan County, Utah	14-20-603-247-A Oct. 5, 1953	10.3108861
11	Sections 17, 18, 19 and 20, T-41-5, R-24-E, San Juan County Utah	14-20-603-353 Oct. 27, 1953	27.3389265
12	Sections 15, 16, 21, and NW/4, and W/2 SW/4 Sec. 22, T-41-5, R-24-E, San Juan County, Utah	14-20-603-355 Oct. 27, 1953	14.2819339
13	W/2 Section 14, T-41~S, R-24-E, San Juan County, Utah	14-20-603-370 Oct. 26,1953	1.8500847
14	N/2 and SE/4, and E/2 SW/4 Sec. 29, NE/4 and E/2 SE/4 and E/2 W/2 irregular Sec. 30, and E/2 NE/4 Sec. 32, T-41-S, R-24-E, San Juan County, Utah	14-20-603-407 Dec. 10, 1953	6.9924969
15	NW/4 Sec. 28, T-41-S, R24-E San Juan County, Utah	14-20-603-409 Dec. 10, 1953	.9416393
16	SE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6504 July 11, 1961	. 5750254
17	NE/4 Sec. 3, T-41-5, R-24-E San Juan County, Utah	14-20-0603-6505 July 11, 1961	. 5449292
18	NW/4 Sec. 3, T-41-5, R-24-E San Juan County, Utah	14-20-0603-6506 July 11, 1961	. 5482788
19	NE/4 Sec. 4, T-41-S, R24-E San Juan County, Utah	14-20-0603-7171 June 11, 1962	.4720628
20	E/2 NW/4 Sec. 4, T-41-S, R-24-E San Juan County, Utah	14-20-0603-7172 June 11, 1962	.0992482

Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

[]	Well FileRng(API No.)	(Return Date) _ (To - Initials) _		Other OPERATOR CHANGE
1.	Date of Phone Call: 10-6-93	- Time: _	9:30	
2.	DOGM Employee (name)L. Talked to: NameGLEN COX of (Company/Organization)l	_ (Initiated Call []) -		
3.	Topic of Conversation: OPERATOR (NEED TO CONFIRM HOW OPERATOR WATER OR MOBIL OIL CORPORATION AS PER	ANTS THE WELLS SET UP	- MEPNA AS PI	REBIA APPROVAL
4.	Highlights of Conversation: MR. COX CONFIRMED THAT THE WELLS PER BIA APPROVAL, ALSO CONFIRMED BE HANDLED OUT OF THEIR CORTEZ (MEPNA— PO DRAWER G CORTEZ, CO 81321 (303) 565-2212 *ADDRESS CHANGE AFFECTS ALL WELLS REPORTED OUT OF DALLAS (MCELMO (S SHOULD BE SET UNDER D THAT PRODUCTION & D OFFICE RATHER THAN DA LS CURRENTLY OPERATOR	ACCOUNT N7370 ISPOSITION REL	O/MEPNA AS PORTS WILL NOW
		•		

OPERAT	n of Oil, Gas and Mining OR CHANGE WORKSHEET all documentation receiv		renarding this	change.	<u> </u>	E	Routing: 1-145-0477-S4 () 2-125758-1514
Initial 1781 Chai	each listed item when on nge of Operator (weight	ompleted. Write N/A	A if item is no □ Designat	t applicable.	t e Only		3-VLC 4-RJFV 5-JJFV 6-PV
F. 12012-1-1	perator of the well(' - 1-93)
	ew operator) (address) PO DRA CORTEZ GLEN C phone (N A	FROM	(former oper	ator) PHII ress) 5525 FARM PAT pho	LIPS PETR HWY 64 N HINGTON, N KONKEL The (505)	
Hell(s	S) (attach additional pa	ge if needed):	*RATHERFORI	UNIT (NAVA.	JO)		
Name: Name: Name: Name:	**SEE ATTACHED**	API:API: API:API: API:API:	Entity Entity Entity Entity Entity Entity	: Sec : Sec : Sec : Sec	Twp Twp Twp Twp	Rng Lea Rng Lea Rng Lea Rng Lea Rng Lea	ase Type: ase Type: ase Type: ase Type:
<u>Lec</u> 1.	OR CHANGE DOCUMENTA (Rule R615-8-10) operator (Attach to this for	Sundry or othe	6.02.02)/1/	an 0 101 8-11	42)		
V. DIH 3.	operating any well yes, show company	ls in Utah. Is file number:	company reg	gistered wit	h the sta	ite? (yes/	no) If
n	. (For Indian and l (attach Telephone comments section changes should tak	of this form. e place prior to	Management o completion	review of Foot of steps 5	<mark>ederal an</mark> through 9	d Indian below.	well operator
1	. Changes have been listed above. <i>Cole</i>	wells 10-6-93/(WIW'S 10-26-43,				
Lec 6.	. Cardex file has be	en updated for	each well li	sted above. <i>(</i>	OEE wells lo	-6-93) (wil	v's 10-26-937
Lic 7.	. Well file labels h	ave been update	d for each w	ell listed a	bove . <i>(0 & 6</i>	wells to be	93) (WIW'S 10-26-43
	. Changes have been for distribution t	o State Lands a	nd the Tax C	ommission.//	10-10-93)		
Jec 9.	. A folder has been placed there for m	set up for the eference during	Operator Ch routing and	ange file, a processing	and a copy of the or	of this	page has been cuments.

NTITY REVIEH 20 1. (Rule RGIS-B-7) Entity assignments have been reviewed for all wells listed above. Here entity changes made? (yes/go) (If entity assignments were changed, attach copies of Form 6, Entity Action Form). 21 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes. 22 3. (Rule RGIS-3-1) The new operator of any fee lease well listed above has furnished a proper bond. 23 4. (Rule RGIS-3-1) The new operator of any fee lease well listed above has furnished a proper bond. 24 A copy of this form has been placed in the new and former operators' bond files. 35 The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19 If yes, division response was made by letter dated 19 of their responsibility to notify any presson with an interest in such lease of the change of operator. Documentation of such notification has been requested. 36 1. (Rule RGIS-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 of their responsibility to notify any presson with an interest in such lease of the change of operator. Documentation of such notification has been requested. 37 2. Copies of documents have been sent to State Lands for changes involving State leases. 38 11 1. All attachments to this form have been microfilmed. Date:	PERATOR	CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form). 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes. 3. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. 2. A copy of this form has been placed in the new and former operators' bond files. 3. The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19 If yes, division response was made by letter dated 19 of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. 3. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. 3. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. 3. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notified by letter dated 19 3. The former operator has requested a release well listed above has been notified by letter dated	NTITY	REVIEW
OND VERIFICATION (Fee wells only) (Note: 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. 2. A copy of this form has been placed in the new and former operators' bond files. 3. The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19 If yes, division response was made by letter dated 19 of their responsibility to notify any response with an interest in such lease of the change of operator. Documentation of such notification has been requested. 2. Copies of documents have been sent to State Lands for changes involving State leases. 3. TILHING 1. All attachments to this form have been microfilmed. Date: 19 3. TILING 3. The former operator has requested a release of any fee lease well listed above has been notified by letter dated 19 of their responsibility to notify any notification has been requested. 3. The former operator has requested a release of any fee lease well listed above has been notified by letter dated 19 of their responsibility to notify any notified by letter dated 19 of their responsibility to notify any notified by letter dated	Le 1.	entity changes made? (yes/no) (If entity assignments were changed, attach copies of
(Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. 2. A copy of this form has been placed in the new and former operators' bond files. 3. The former operator has requested a release of liability from their bond (yes/no) Today's date	N/A 2.	
proper bond. 2. A copy of this form has been placed in the new and former operators' bond files. 3. The former operator has requested a release of liability from their bond (yes/no) Today's date	7	
	,	
Today's date	2.	A copy of this form has been placed in the new and former operators' bond files.
(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated	_ 3.	The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19
notified by letter dated	LEASE	INTEREST OWNER NOTIFICATION RESPONSIBILITY
1. All attachments to this form have been microfilmed. Date:	W-10 193	notified by letter dated
TILING 1. Copies of all attachments to this form have been filed in each well file. 2. The original of this form and the original attachments have been filed in the Operator Change file. COMMENTS	FILMIN	G .
1. Copies of all attachments to this form have been filed in each well file. 2. The original of this form and the original attachments have been filed in the Operator Change file. COMMENTS	<u>~</u> 1.	All attachments to this form have been microfilmed. Date:
2. The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.	FILING	
Change file. COMMENTS	ا مير 1.	Copies of all attachments to this form have been filed in each well file.
	<u> </u>	
931006 BIAlBlin Approved 7-9-93.	COMMEN	TS
	931	cole BIA/Blin Approved 7-9-93.

E71/34-35

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

Expires: March 31, 1993

5. Lease Designation and Serial No.

4-20-603-247A 6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals

Navajo

	IN TRIPLICATE FEB 2 2 1994	7. If Unit or CA, Agreement Designation Ratherford
1. Type of Well Well Gas Well Other 2. Name of Operator MEPUS for MPT&NM and MEI 3. Address and Telephone No. P.O. Box 633, Midland, Tx. 4. Location of Well (Footage, Sec., T., R., M., or Survey De Surface: NESE 14-41s-236	escription)	8. Well Name and No. R. U. 14-43 9. API Well No. 43-037-16410 10. Field and Pool, or Exploratory Area Greater Aneth 11. County or Parish, State
BHL: Same 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REP	San Juan, Ut. ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTIO	ON
Notice of Intent	Abandonment Recompletion	Change of Plans New Construction
Subsequent Report Final Abandonment Notice	Plugging Back Casing Repair Altering Casing Other Pipeline Il pertinent details, and give pertinent dates, including estimated date of sta	Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

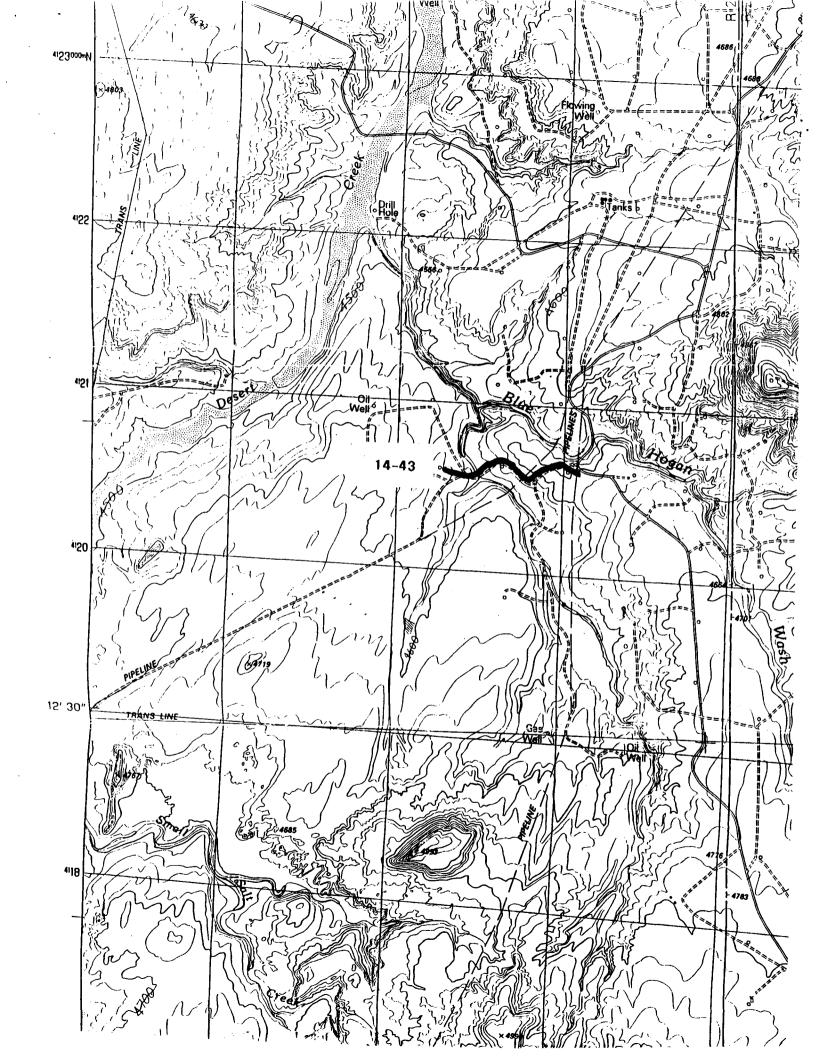
*Mobil Exploration & Producing U. S. Inc. as agent for Mobil Producing Texas & New Mexico Inc. and Mobil Exploration & Producing North America Inc.

Will convert water injection well to producing oil well and lay surface flowline. Flowline will be 0.65 mi. long and run east from 14-43 well to existing header just east of 13-23. All in unit. All on Navajo Tribal Trust. All sites avoided.

Pipeiine will be $\approx 3-1/2$ " OD coiled steel tubing. Wall thickness is 0.190". Pipe rated to API5LX42. Maximum operating pressure will be ≈ 500 psi. Hydrotested to ≈ 5800 psi. Burst pressure is ≈ 7200 psi. Tubing will be unreeled from spool mounted on bulldozer. No blading will occur. Will bury pipe only at 2 road crossings.

14. I hereby certify that the foregoing is true and correct		cc: BIA, BLM, UDOGM
Signed Jh. Corp	Sr. Landman	Accepted by the State of Utah Division 2-11-94
(This space for Federal or State office use)		Oil, Gas and Dig
Approved by	Title	Date: Federal A- Date
•		Action is Necessary

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
Budget Bureau No. 1004-0135

Expires: March 31, 1993

BUREAU OF LAND MANAGEMENT 5. Lease Designation and Serial No. 14-20-603-247A SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. NAVAJO TRIBAL Use "APPLICATION FOR PERMIT - " for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE RATHERFORD UNIT 1. Type of Well X Other INJECTION 8. Well Name and No. RATHERFORD UNIT 14 W 43 2. Name of Operator Mobil Exploration & Producing U.S. Inc. 9. API Well No. as Agent for Mobil Producing TX & NM Inc. 43-037-16410 3. Address and Telephone No. P.O. Box 633, Midland, TX 79702 (915) 688-2585 10. Field and Pool, or exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) GREATER ANETH SEC. 14. T41S. R23E 3300 FSL. 4770 FEL 11. County or Parish, State SAN JUAN UT CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion **New Construction** | X | Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* MOBIL IS REQUESTING AN EXTENSION FOR TA'D STATUS. WELL IS BEING EVALUATED TO DETERMINE THE FIELD USE STATUS. Accepted by the Utah Division of Oil, Gas and Mining JOF OIL, GAS & MINING FOR RECOUD ONLY 14. I hereby certify that the foregoing is true and correct Title ENV. & REG. TECHNICIAN (This space for Federal or State office use) Approved by Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-247A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

6. If Indian, Allottee or Tribe Name

NAVA.10 TRTRAI

Use "APPLICATION FOR	NAVAJO TRIBAL	
SUBMIT	7. If Unit or CA, Agreement Designation RATHERFORD UNIT	
1. Type of Well Oil Well Oil Well Other INJECTION 2. Name of Operator Mobil Exploration & as Agent for Mobil F 3. Address and Telephone No. P.O. Box 633, Midland, TX 79 4. Location of Well (Footage, Sec., T., R., M., or Survey De SEC. 14, T41S, R23E 3300 F	8. Well Name and No. RATHERFORD UNIT 14 W 43 9. API Well No. 43-037-16410 10. Field and Pool, or exploratory Area GREATER ANETH 11. County or Parish, State SAN JUAN UT	
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPOR	
TYPE OF SUBMISSION	TYPE OF ACTION	N
Notice of Intent X Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other EXTENSION TA	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water
	Il pertinent details, and give pertinent dates, including estimated date of st tical depths for all markers and zones pertinent to this work.)*	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

MOBIL IS REQUESTING AN EXTENSION FOR TA'D STATUS. WELL IS BEING EVALUATED TO DETERMINE THE FIELD USE STATUS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECULD ONLY

1994 OF OIL, GAS & MINING

4. I hereby certify that the foregoing is true and correct Signed Signed	Title ENV. & REG. TECHNICIAN	Date 12-13-94
(This space for Federal or State office use)		
Approved by Conditions of approval, if any:	Title	Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH INVENTORY OF INJECTION WELLS

	RATOR	API NO.	WELL *****	TNS	RGE ***	SE **	WELLTYPE	INDIAN COUNT
MEPNA		43-037-15506	L-21	41S	25E	18	INJW	
MEPNA	(MOBIL	43-037-16358	K-24	41S	25E	18	INJW	Y Y
MEPNA	(MOBIL	43-037-10338	K-22X	41S	25E	18	INJI	Y
MEPNA	(MOBIL	43-037-15499	J-21	41S	25E	18	INJW	Y
MEPNA	(MOBIL	43-037-15508	L-25	41S	25E	19	INJW	Y
MEPNA	(MOBIL	43-037-15839	1W24	41S	23E	1	INJW	Y
MEPNA	(MOBIL	43-037-15838	1W13	41S	23E	1	INJW	Y
MEPNA	(MOBIL	43-037-15036	2W44	41S	23E	2	INJW	Y
MEPNA	(MOBIL	43-037-10300	11W44	41S	23E	11	INJW	Y
✓ MEPNA	(MOBIL	43-037-15842	11W42	415	23E	11	INJW	Y
MEPNA	(MOBIL	43-037-15848	12W33	41S	23E	12	INJW	Y
✓ MEPNA	(MOBIL	43-037-15850	12W42	415	23E	12	INJW	Y
MEPNA	(MOBIL	43-037-15847	12W31	41S	23E	12	INJW	Y
MEPNA	(MOBIL	43-037-15047	12W13	41S	23E	12	INJW	Ÿ
MEPNA	(MOBIL	43-037-15845	12W22	41S	23E	12	INJW	Ÿ
MEPNA.	(MOBIL	43-037-15843	12W22 12W11	41S	23E	12	INJW	Y
✓ MEPNA	(MOBIL	43-037-13043	12W11	41S	23E	12	INJW	Y
MEPNA	(MOBIL	43-037-31131	RATERFORD 12	41S	23E	12	INJW	Ÿ
MEPNA	(MOBIL	43-037-15854	13W31	41S	23E	13	INJW	Y
MEPNA	(MOBIL	43-037-15851	13W13	415	23E	13	INJW	Ÿ
MEPNA	(MOBIL	43-037-15857	13W42	415	23E	13	INJW	Ÿ
MEPNA	(MOBIL	43-037-16407	13W44	415	23E	13	INJW	Ÿ
MEPNA	(MOBIL	43-037-15855	13W33	415	23E	13	INJW	Ÿ
MEPNA	(MOBIL	43-037-31152	13W11	41S	23E	13	INJW	Ÿ
MEPNA	(MOBIL	43-037-15852	13W22	41S	23E	13	INJW	Ϋ́
MEPNA	(MOBIL	43-037-15853	13W24	41S	23E	13	INJW	Ÿ
MEPNA	(MOBIL	43-037-16410		41S	23E	14	INJI	Ϋ́
✓MEPNA	(MOBIL	43-037-15860	14W43	41S	23E	14	INJW	Ÿ
MEPNA	(MOBIL	43-037-15863	24W42	41S	23E	24	INJW	Ÿ
MEPNA	(MOBIL	43-037-15862	24W31	41S	23E	24	INJW	Ÿ
MEPNA	(MOBIL	43-037-15984	6W14	41S	24E	6	INJW	Ŷ
MEPNA	(MOBIL	43-037-15988	7W32	41S	24E	7	INJW	Ÿ
MEPNA	(MOBIL	43-037-15990	7W41	41S	24E	7	INJW	Ÿ
MEPNA	(MOBIL	43-037-16394	7W21	41S	24E	7	INJW	Ÿ
MEPNA	(MOBIL	43-037-15985	7W12	41S	24E	7	INJW	Ÿ
✓MEPNA	(MOBIL	43-037-15989	7W34	41S	24E	7	INJW	Ÿ
MEPNA	(MOBIL	43-037-15986	7W14	41S	24E	7	INJW	Ÿ
MEPNA	(MOBIL	43-037-15987	7W23	41S	24E	7	INJW	Ÿ
√MEPNA	MOBIL	43-037-16395	7W43	41S	24E	7	INJW	Ÿ
MEPNA	(MOBIL	43-037-16396	8W43	41S	24E	8	INJI	Ÿ
MEPNA	(MOBIL	43-037-15992	8W14	41S	24E	8	INJW	Y
MEPNA	MOBIL	43-037-16398	9W23	41S	24E	9	INJW	Y
MEPNA	(MOBIL	43-037-16400	9W43	41S	24E	9	INJI	Y
MEPNA	(MOBIL	43-037-16397	9W21	41S	24E	9	INJW	Y
∠M ĘPNA	(MOBIL	43-037-16402	10W23	41S	24E	10	INJW	Y
MEPNA	(MOBIL	43-037-16401	10W21	41S	24E	10	INJI	Y
MEPNA	(MOBIL	43-037-16403	10W43	41S	24E	10	INJW	Y
MEPNA	(MOBIL	43-037-16413	15W43	41S	24E	15	INJI	Y
✓MEPNA	(MOBIL	43-037-16411	15W21	41S	24E	15	INJW	Y
✓MEPNA	(MOBIL	43-037-16412	15W23	41S	24E	15	INJI	Y
✓MEPNA	(MOBIL	43-037-16415	16W43	41S	24E	16	INJW	Y
MEPNA	(MOBIL	43-037-15720	16W12	41S	24E	16	INJW	Y
MEPNA	(MOBIL	43-037-15721	16W14	41S	24E	16	INJW	Y

Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

Rou	Well FileRng(API No.)	_ (To - Initials)	XXX Other OPER NM CHG
1.	Date of Phone Call: 8-3-95	Time:	
2.	Talked to: Name R. J. FIRTH	_ (Initiated Call 🗱) - Pl	none No. ()
	of (Company/Organization)		
3.	Topic of Conversation: MEP	N A / N7370	
			•
=	Highlights of Conversation:		
4.	OPERATOR NAME IS BEING CHANGED		
	NORTH AMERICA INC) TO MOBIL EXP		
	THIS TIME TO ALLEVIATE CONFUSIO		
	*SUPERIOR OIL COMPANY MERGED IN	IU M E P N A 4-24-60 (SE	E ATTACHED).
		•	

Mobil Oil Corporation

P.O. BOX 5444 DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Attn: R. J. Firth

Associate Director



DIVISION OF OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,

R. D. Baker

Environmental Regulatory Manager

CNE/rd CNE8661

	on of Oil, Gas and Mining TOR CHANGE HORKSHEET				Routing:
	all documentation received by the divisio each listed item when completed. Write				2-LWP 8-SJ 3-PTS 9-FILE 4-VLC
	nge of Operator (well sold) ignation of Operator			,	5-RJF 6-LWP
The or	perator of the well(s) listed belo	ow has changed (EFFE	ECTIVE DATE: _	8-2-95)
TO (ne	ew operator) MOBIL EXPLOR & PROD (address) C/O MOBIL OIL CORP PO DRAWER G CORTEZ CO 81321 phone (303) 564-5212 account no. N7370	2	C p		31321 564-5212
	(attach additional page if needed):				_
Name:	** SEE ATTACHED ** API: <u>0.37</u> - API:	Entity:	SecTwp_	$_$ Rng $_$ Le	ease Type:
Name:	API: API:	Entity: Fntity:	SecTwp_ SecTwp	RngLe	ase Type:
Name:	API:	Entity:	SecTwp_ SecTwp_	Rng Le	ase Type:
Name:	API:	Entity:	SecTwp_	Rng Le	ase Type:
Name:	API:		SecTwp_	Rng Le	ase Type:
N/A 1. N/A 2. N/A 3.	OR CHANGE DOCUMENTATION (Rule R615-8-10) Sundry or oth operator (Attach to this form). (Rule R615-8-10) Sundry or other (Attach to this form). The Department of Commerce has be operating any wells in Utah. I yes, show company file number: (For Indian and Federal Hells (attach Telephone Documentation comments section of this form. changes should take place prior	een contacted if the scompany registers ONLY) The BLM has Form to this repart review	on has been renew operatored with the some contacter port). Make	eceived from tabove is tate? (yes ed regarding note of landian	not currently /no) If g this change BLM status in well operator
	listed above. $(8-3-95)$				for each well
(W) 6.	Cardex file has been updated for	each well listed al	bove. 8_31.95	•	
<i>i [</i>	Well file labels have been update			\sim	
<u>Hec</u> 8.	Changes have been included on the for distribution to State Lands a	ne monthly "Operato and the Tax Commiss	r, Address, a ion <i>. (8-3-95)</i>	nd Account	Changes" memo
LL9.	A folder has been set up for the placed there for reference during	e Operator Change f g routing and proces	ile, and a co ssing of the c	py of this original do	page has been cuments.

OPERATOR	CCHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
0	REVIEH
Lec 1.	(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/ho) (If entity assignments were changed, attach <u>copies</u> of Form 6, Entity Action Form).
NA 2.	State Lands and the Tax Commission have been notified through normal procedures of entity changes.
BOND VI	ERIFICATION (Fee wells only) * No Fee Leese Wells at this time!
N/A/ 1.	(Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2.	A copy of this form has been placed in the new and former operators' bond files.
3.	The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19
LEASE]	INTEREST OHNER NOTIFICATION RESPONSIBILITY
1/4 1. 8/5/95	(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated
<u>4/4</u> 2.	Copies of documents have been sent to State Lands for changes involving State leases.
FILMINO	
	All attachments to this form have been microfilmed. Date: October 4 1995.
FILING	
1.	Copies of all attachments to this form have been filed in each well file.
2.	The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
COMMENT 9508	103 Will F5/Not necessary!
<u>-</u> :	

WE71/34-35

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-247A

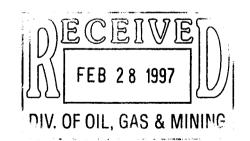
6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

SUBMIT IN	TRIPLICATE	RATHERFORD UNIT
1. Type of Well Oil Gas X Other INJECTOR		8. Well Name and No.
2. Name of Operator Mobil Exploration & Pro as Agent for Mobil Pro	oducing U.S. Inc. ducing TX & NM Inc.	RATHERFORD 14-W-43 9. API Well No.
 Address and Telephone No. P.O. Box 633, Midland, TX 79702 		43 - 037 - 16410 10. Field and Pool, or exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Descripting 3300' FSL & 4770' FEL	ion)	GREATER ANETH 11. County or Parish, State
SEC.14, T41S, R23E		SAN JUAN UT
2. CHECK APPROPRIATE BOX(s) To	O INDICATE NATURE OF NOTICE, REPOR	₹T, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTIO	N
Notice of Intent	Abandonment	Change of Plans
X Subsequent Report	Recompletion Plugging Back	New Construction Non-Routine Fracturing
Final Abandonment Notice	Casing Repair Altering Casing	Water Shut-Off Conversion to Injection
	X Other EXTENSION TA STAT	US Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
 Describe Proposed or Completed Operations (Clearly state all pert give subsurface locations and measured and true vertical c 		starting any proposed work. If well is directionally dri

 $\mbox{\sc MOBIL}$ IS REQUESTING AN EXTENSION FOR TA'D STATUS. WELL IS BEING EVALUATED FOR HORIZONTAL PROGRAM.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY



14. I hereby certify that the foregoing is true and correct Signed Miles DOUMES	Title ENV. & REG. TECHNICIAN	Date	
(This space for Federal or State office use) Approved by Conditions of approval, if any:	Title	Date	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office 1235 La Plata Highway Farmington, New Mexico 87401

IN REPLY REFER TO:

14-20-603-247A (WC) 3162.3-2 (7400)

Ms Shirly Houchins Mobil Oil Corp. PO Box 633 Midland, TX 79702 JAN 2 2 1997

Dear Ms Houchins:

Reference is made to your well No. 14W43 Ratherford Unit located 3300' FSL & 4770' FEL sec. 14, T. 41 S., R. 23 E., San Juan County, Utah, lease 14-20-603-247A. The subject well was approved for temporary abandonment until December 1, 1996 to evaluate. To date we have not received your plans for the above-mentioned well. If the well is to remain shut-in, you will be required to test the casing integrity. This office must be notified 48 hours prior to the test so it may be witnessed.

You have 30 days to comply with this order. The 30 days commences upon receipt of this letter or seven days from the date it is mailed, whichever is less. Failure to comply within the 30 days will result in strict enforcement of 43 CFR 3163.1.

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the orders described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-0115. Such requests shall not result in a suspension of the order(s) unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 et seq.

If you have any questions please contact Stephen Mason with this office at (505) 599-6364.

Sincerely,

Duane Spencer

Than in Spe

Team Leader, Petroleum Management Team

cc:

BIA, Window Rock Navajo Nation Minerals Dept. James Miles, IMO, Farmington

U.S. ENVIRONMENTAL PROTECTION AGENCY

NOTICE OF INSPECTION

Address (EPA Regional Office)

Region 9

Environmental Inspection Agency 215 Fremont Street (W-6-2) San Francisco, CA 94105

Inspection Contractor

THE XXX THI PLE FOR THE RELEASE

Firm To Be Inspected Mobil E.&P., Inc. P.O Box Dawer G Cortez, Co

81321

Date

2-7-97

Hour

2:30 pm

Notice of inspection is hereby given according to Section 1445(b) of the Safe Drinking Water Act (42 U.S.C. §300 f et seg.).

Reason For Inspection

For the purpose of inspecting records, files, papers, processes, controls and facilities, and obtaining samples to determine whether the person subject to an applicable underground injection control program has acted or is acting in compliance with the Safe Drinking Water Act and any applicable permit or rule.

RU# 14-W43, WATER INTECTION WELL M.I.T. - PASSED

Section 1445(b) of the SDWA 142 U.S.C. §300 j-4 (b) is quoted on the reverse of this form.

Receipt of this Notice of Inspection is hereby acknowledged.

Firm Representative

in monie

Date

2-7-97

ANNULAR PRESSURE TEST (Mechanical Integrity Test)

Operator Mobil E. & P., Inc. Well Name Run 14-W43 Location Sec. 14, T415-R23E State and County San Juan Cou		Date of Test EPA Permit No Tribal Lease No	
Continuous Recorder? YES Bradenhead Opened? YES	NO Pressure	Gauge? YES A	
TIME	ANNULUS PRESSU	RE, psi T	UBING PRESSURE, psi
2:30	1050		1056
2:35	1045		1050
2:40			1050
2:50	1045		1050
3:00	1045		1050
MAX. INJECTION PRESSURE: MAX. ALLOWABLE PRESSURI REMARKS: Passed? Failed? If Passed M.I.T.	E CHANGE:		
COMPANY REPRESENTATIVE Melvin Capitan Jr.	C: (Print and Sign)	±	2.6.97 DATE 1.6-97
INSPECTOR: (Print and Sig	n)		DATE

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

14-20-603-247A
6. If Indian, Allottee or Tribe Name

• •	or to deepen or reentry to a different reservoir. PERMIT - " for such proposals	NAVAJO TRIBAL
SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation RATHERFORD UNIT
1. Type of Well Oil Gas Yother 2. Name of Operator MOBIL PRODUCING TX & NM *MOBIL FXPI ORATION & PR	INC.* ODUCING US INC. AS AGENT FOR MPTM	8. Well Name and No. RATHERFORD 14-W-43 9. API Well No.
3. Address and Telephone No. P.O. Box 633. Midland TX 79702 4. Location of Well (Footage, Sec., T., R., M., or Survey Des	(915) 688-2585	43-037-16410 10. Field and Pool, or exploratory Area
SEC. 14, T41S, R23E 3300' FSL & 4770' FWL	e i paolij	GREATER ANETH 11. County or Parish, State SAN JUAN UT
12. CHECK APPROPRIATE BOX(s)	TO INDICATE NATURE OF NOTICE, REPORT	r, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	1
Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other EXTENSION TA STATUS	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well

MOBIL IS REQUESTING AN EXTENSION FOR TA'D STATUS. THIS WELL WILL BE UTILIZED IN THE HORIZONTAL PROGRAM.

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

14. I hereby certiff that the foregoing is true and correct Signed Al Mostley fow)	Title	SHIRLEY HOUCHINS/ENV & REG TECH	Date	12-10-97
(This space for Federal or State office use) Approved by	Title		Date	
Conditions of approval, if any:	•		Date	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

SUNDRY	NOTICES	AND	REPORTS	ON	WELLS	

<u>14-20-603-353</u>

6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT - " for such proposals NAVAJO TRIBAL 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE RATHERFORD UNIT 1. Type of Well Oil Well 8. Well Name and No. RATHERFORD 14-W-43 2. Name of Operator MOBIL PRODUCING TX & NM INC.* *MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM 9. API Well No. 3. Address and Telephone No. 43-037-16410 P.O. Box 633, Midland TX 79702 (915) 688-2585 10. Field and Pool, or exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) GREATER ANETH SEC. 14. T41S. R23E 3300' FSL & 4770' FEL 11. County or Parish, State SAN JUAN UT CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION X Notice of Intent Abandonment Change of Plans Recompletion New Construction Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection PLUG & ABANDON Dispose Water Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED PROCEDURE TO PLUG & ABANDON WELLBORE.

Federal Approval of this Action is Necessary

الا	ECI	E][VE	M
	AUG			
DIV. C	F OIL,	GAS	& MI	NING

14. I heraby cortify that the foregoing is true and correct signed August 1997	Title SHIRLEY HOUCHINS/ENV & REG TECH	Date 8-18-98
(This space for Federal or State office use) Approved by Conditions of approval, if any Accepted by the Utah Division of	Title	Date

Title 18 U.S.C. Section 1001, make it States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Ratherford Unit #14-43

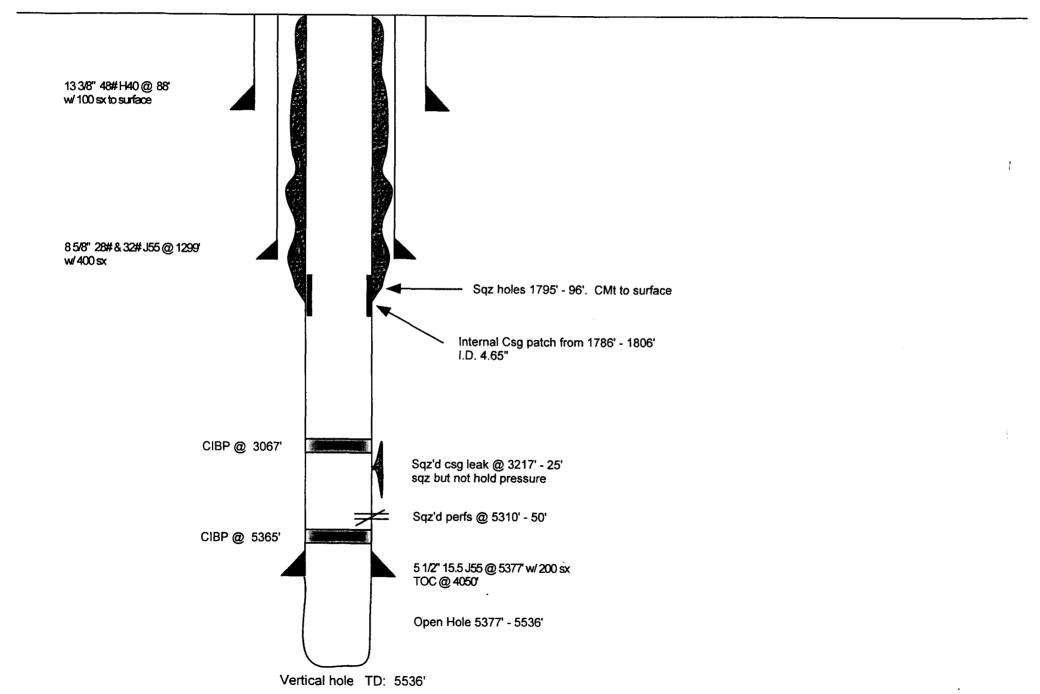
Plug & Abandonment Procedure

The objective of this operation is to plug & abandon the #14-43 wellbore as per BLM requirements.

- 1. Notify BLM and Navajo EPA 48 hours prior to plugging.
- 2. MIRU PU. ND wellhead. NU BOP. Pressure test BOPs.
- 3. RIH w/ 4 3/4" bit + ws and clean out to CIBP @ 3067'. POOH
- 4. RU WL. RIH and set CIBP @ 1300'. RIH w/ ws and top fill casing from surface to CIBP @ 1300'. POOH.
- 5. If casing strings above ground, cut off and fill all strings w/ cement.
- 6. Weld on steel plate. Stamp on required P&A information.
- 7. ND BOP. NU WH. RDMO.

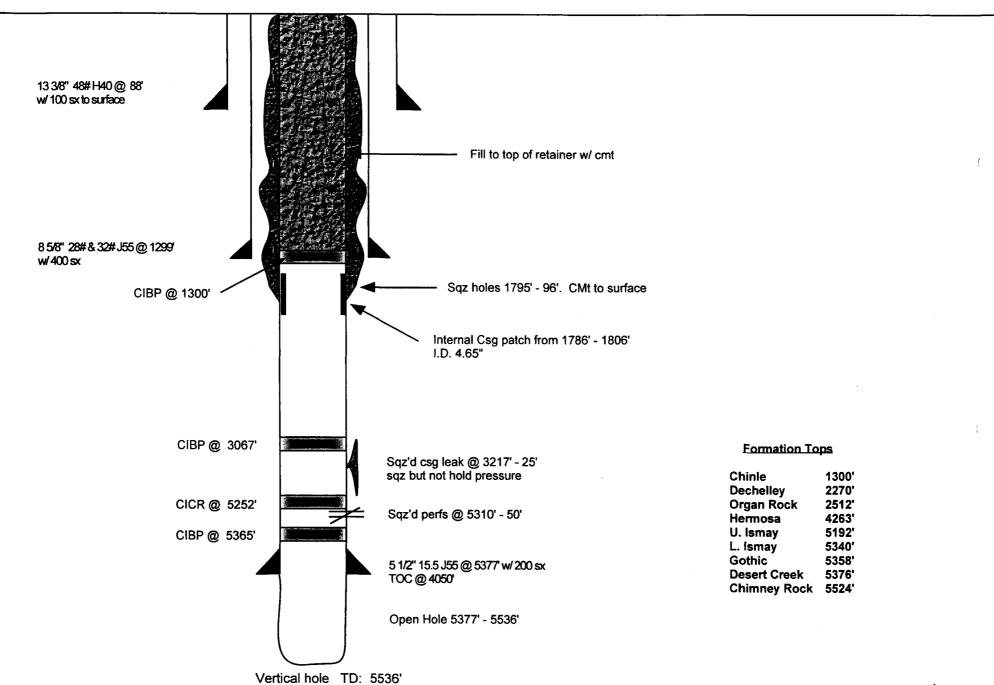
Ratherford Unit 14-43 Current Wellbore

YPO: 6/10/98



Ratherford Unit 14-43 Proposed Wellbore

YPO: 6/10/98



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

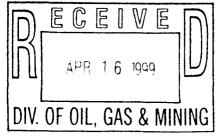
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

14-20-603-247A 6. If Indian, Allottee or Tribe Name

Use "APPLICATION FOR I	PERMIT - " for such proposals	NAVAJO TRIBAL
SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation RATHERFORD UNIT
1. Type of Well Oil Gas Well X Other 2. Name of Operator MOBIL PRODUCING TX & NM *MOBIL EXPLORATION & PR	INC.* ODUCING US INC. AS AGENT FOR MPTM	8. Well Name and No. RATHERFORD 14-W-43
3. Address and Telephone No. P.O. Box 633, Midland TX 79702 4. Location of Well (Footage, Sec., T., R., M., or Survey Des SEC. 14, T415, R23E W	(915) 688-2585	43-037-16410 10. Field and Pool, or exploratory Area GREATER ANETH
3300° FNL & 4770° FÆL) TO INDICATE NATURE OF NOTICE, REPOR	11. County or Parish, State SAN JUAN UT T, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTIO	N
Notice of Intent X Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other PLUGGED & ABANDONE	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of maltiple completion on Well Completion or Recompletion Report and Log form.)

- 04-03-99 MIRU, NOTIFY BLM, (WAYNE TOWNSEND & RON SNOW) & NAVAJO EPA (STEVE AUSTIN).
- 04-05-99 NIP DN WH. RIH TAG CIPB @ 3067'. MESSAGE TO BLM (RON SNOW) & NAVAJO EPA (CHARMAIN HESTEEN) WILL BE PUMPING CMT.
- 04-06-99 RU DOWELL, SET 7 SXS PLUG F/3067-2998" CL "B" CMT MIXED @ 16#.. RIH W/CIBP SET @ 1372", IRON PUMP 183 SXS TO SURF. MIXED @ 15.8# YIELD. CL "B" CMT. DOWELL FILLED 5.5 CSG BACK TO SURFACE W/CEMENT. FILLED OUT HOT WORK PERMIT. CUT CSG. WELD ON PLATE W/INFORMATION.
- 04-07-99 RIG DOWN MONTEZUMA 36. WELL PLUGGED & ABANDONED. FINAL REPORT



. I hereby certify that the foregoing is true and correct Signed	Title SHIRLEY HOUCHINS/ENV & REG	TECH Date 4-12-99
(This space for Federal or State office use)		
Approved by	Title	Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.